

Steven J. Kochis, PE

Senior Project Engineer



Steve is a civil engineer in VHB's Connecticut office. He has extensive experience in land use planning and permitting, hydrologic and hydraulic studies, storm and sewer design, utility layout, construction monitoring, and sediment and erosion control. Steve has worked on various types of projects including roadway reconstruction, coastal redevelopments, flood control, drainage studies, and both large-scale and small-scale residential and commercial developments.

15 years of professional experience

Education

BS, Civil Engineering, University of Connecticut, 2005

Registrations/Certifications

Professional Engineer, CT, June 2010

Amtrak Roadway Worker Protection (Amtrak Contractor)

Ambassador at Saxon Woods, Scarsdale, NY

Prior to joining VHB, Steve assisted with preparation of construction documents for an assisted living facility. The design included site layout, grading, utility design, and sediment and erosion control. Steve assisted in preparing application for New York Stormwater General permit.

Avalon Harrison, Harrison, NY

Prior to joining VHB, Steve was responsible for layout guidance and engineering design services for the construction of a mixed-use retail/residential development and associated pedestrian plazas at Harrison train station. Responsibilities included sediment and erosion control, drainage design, design of site details, assistance with sanitary sewer analysis, and assistance with environmental impact studies.

Bailey Avenue Parking Lot, Ridgefield, CT

Prior to joining VHB, Steve provided engineering design services for the reconstruction of a shopping center parking lot. The design included site layout, grading, sediment and erosion control, and a detailed construction sequence phasing plan.

Bridgeport Ferry, Bridgeport, CT

Prior to joining VHB, Steve was responsible for layout guidance and engineering design services for the relocation of an existing ferry operation to a new site. The project will include all new traffic circulation, parking, grading, and terminal building. Responsibilities included sediment and erosion control, drainage design, design of site details, assistance with sanitary sewer analysis, and assistance with local and state permitting.

Buena Vista Teutonia Development, Yonkers, NY

Prior to joining VHB, Steve provided engineering design services for a high-rise residential development in downtown Yonkers. The design included site layout, grading, utility design including storm drainage and sewer, and sediment and erosion control. The stormwater management design included a green roof system. Steve assisted in preparing application for New York Stormwater General permit.

City Point Yacht Club, New Haven, CT

Prior to joining VHB, Steve provided engineering design services for a boat yard and marina redevelopment on Long Island Sound. The design included site layout, grading, utility design including storm drainage and sewer, and sediment and erosion control.



Assisted in preparing application for Connecticut Department of Energy & Environmental Protection permit.

Drainage Improvement Study, Norwalk, CT

Prior to joining VHB, Steve assisted with investigation and preparation of a comprehensive drainage report for specific sections of the city. The report included an analysis of the existing storm drainage system, a recommendation for maintenance, and a recommendation for improvements.

Eastside Commons, Stamford, CT

Prior to joining VHB, Steve provided layout for site drives and locating the building on the site as well as full utility design for construction of a mixed-use residential/commercial complex along Route 1. The project required a detailed study of adjacent sanitary sewer facilities as well as traffic studies relating the site to existing highway and railway infrastructure. Other responsibilities included detailed re-design of Route 1 along the frontage of the property in coordination efforts with Stamford's Urban Transitway improvement project.

Franklin Road Drainage Improvements, Hamden, CT

Prior to joining VHB, Steve assisted with investigation and preparation of a drainage narrative and plans to reduce the frequency of flooding at an apartment complex on Franklin Road.

Fusion Solar, Sprague, CT

Steve provided construction oversight and engineering consultation to assist in remediating a project which was issued a stop work order due to erosion concerns. Responsibilities included daily site visits and observations, preparation of inspection reports, and guidance on remedial erosion control.

Glenview House, Stamford, CT

Prior to joining VHB, Steve provided layout for site drives and locating the building on the site as well as full utility design for construction of a mixed-use residential/commercial complex along Route 1. The project required a detailed study of adjacent sanitary sewer facilities as well as traffic studies relating the site to existing highway and railway infrastructure. Other responsibilities included detailed re-design of Route 1 along the frontage of the property in coordination efforts with Stamford's Urban Transitway improvement project.

Glenville School, Greenwich, CT

Prior to joining VHB, Steve provided engineering design and inspection services through completion of construction for the renovation of an existing school and improvement of traffic circulation on the site. Responsibilities included layout, grading, sediment and erosion control, drainage design, preparation of cost estimates and technical specifications, design of site details, and construction phase assistance.

Habitat for Humanity, Stamford, CT

Prior to joining VHB, Steve provided layout guidance and engineering design services for construction of a condominium complex. The design included site layout, grading, utility design including storm drainage and sewer, sediment and erosion control, and a detailed construction sequence phasing plan. Additional state permitting was required for storm and sewer connections to Route 1.



Hale's Court, Westport, CT

Prior to joining VHB, Steve provided engineering design and layout services for a low-income single family residence redevelopment. The design included site layout, grading, utility design including storm drainage and sewer, and sediment and erosion control. Steve also assisted in preparing applications for local development permits.

Harbor Point Redevelopment, Stamford, CT

Prior to joining VHB, Steve served as Building & Land Technology's primary on-call site engineer in the ongoing redevelopment of Stamford's South End. General tasks included record-keeping and implementation of all master plan storm and sewer infrastructure improvement studies, tax increment financing plans, lighting plans, and general development plans. Specific tasks he assisted with included permitting and engineering design services for master plan unit S3 apartments, permitting and engineering design services for master plan unit C5/C6, preparation of traffic improvement plans for Washington Boulevard and Dyke Lane, and attendance of monthly utility coordination meetings with all respective utility companies for the area.

Mill River Greenway, Phase II, Stamford, CT

Prior to joining VHB, Steve provided engineering design services through construction documents for the construction of a pathway from Hanrahan Street to Scalzi Park. His responsibilities included drainage design, preparation of cost estimates and technical specifications, and design of site details.

Mixed-Use New Haven Development, New Haven, CT

Prior to joining VHB, Steve provided engineering design and layout services for mixed-use commercial/residential development in downtown New Haven. The design included site layout, grading, utility design including storm drainage and sewer, and sediment and erosion control. Steve also assisted in the preparation of applications for local development permits.

Orange Transit-Oriented Development (TOD), Orange, CT

Prior to joining VHB, Steve was responsible for layout guidance and engineering design services for the construction of a mixed-use retail/residential development and associated roads and sidewalks for a new train station in Orange. Responsibilities included sediment and erosion control, drainage design, and design of site details.

Palmer Hill Homes, Stamford, CT

Prior to joining VHB, Steve provided layout for roads and buildings and full utility design for construction of a residential townhouse community, as well as permitting for the same. The project required a detailed phasing plan and weekly construction administration and sediment and erosion control inspections at the site to protect on-site resources.

Planning Commission, Conservation Commission, and Zoning Commission, Redding, CT

Prior to joining VHB, Steve assisted in representing his other firm in providing technical support for the Planning Commission, Conservation Commission, and Zoning Commission on an on-call basis. He reviewed plans, applications, and reports for these commissions.

Planning, Zoning, and Inland Wetlands Joint Commission, Ridgefield, CT

Prior to joining VHB, Steve assisted in representing his other firm in providing technical support for the Planning, Zoning, and Inland Wetlands Joint Commission. He reviewed plans, applications, and reports for these commissions.

Rogers Magnet School, Extension Stamford, CT

Prior to joining VHB, Steve provided layout guidance and engineering design services for the renovation of the Sacred Heart Convent site on Strawberry Hill Avenue into a magnet school. This multi-phase project required on-site and off-site traffic circulation studies, protection of on-site wetlands, and design of utility upgrades including a comprehensive stormwater management plan.

Side by Side Charter School, Norwalk, CT

Prior to joining VHB, Steve provided layout guidance and engineering design services for the removal of a temporary school building, construction of a new building, and improvements to the site parking layout. Responsibilities included sediment and erosion control, drainage design, preparation of cost estimates, design of site details, and assistance with sanitary sewer analysis.

Taconic Homes, Pleasantville, NY

Prior to joining VHB, Steve provided engineering design services for a 252-unit townhouse development adjacent to the Taconic State Parkway. The design included site layout, grading, utility design including storm drainage and sewer, sediment and erosion control, and a detailed construction sequence phasing plan. Steve assisted in preparing applications for New York Department of Transportation permits, New York Stormwater General permits, U.S. Army Corps of Engineers permits, and local planning and zoning permits.

The HUB – Flood Control & Site Plan, Meriden, CT

Prior to joining VHB, Steve provided engineering design services for a large-scale detention basin flood control design located in Meriden, Connecticut. The design included site layout, grading, utility design including storm drainage and sewer, culvert replacements and removals, and sediment and erosion control.

The Plaza at Stamford Town Center, Stamford, CT

Prior to joining VHB, Steve provided layout guidance and engineering design services for all improvements outside the limits of the proposed mall expansion. The project included the demolition of an existing portion of the mall and replacement with a new loop drive and access to the existing mall parking garage and elevator tower. This required integral coordination with the architect and representatives of the mall, as well as coordination with the Connecticut Department of Transportation for design of the new curb cuts to Route 1. Other responsibilities included a detailed micro-grading study of the entire development to ensure proper drainage in this pedestrian-friendly environment and coordination of a snow-melt system under the site drives.

The Ridge at Talcott Mountain, Simsbury, CT

Steve developed a comprehensive stormwater pollution prevention plan and filed for a Connecticut Stormwater General Permit in support of the proposed multi-family development project.



Tobacco Valley Solar, Simsbury, CT

Steve served as task manager for site design layout and engineering of a ±26 MW-AC ground-mounted solar facility. Responsibilities included preparation of conceptual layouts, site plan preparation, erosion control design, and stormwater analysis.

Trump Parc Tower, Stamford, CT

Prior to joining VHB, Steve provided layout guidance for all exterior improvements as well as site traffic circulation studies and utility coordination for the construction of a 34-story high-rise.

Wesleyan University, Middletown, CT

Steve prepared a comprehensive drainage analysis for specific sections of the university's campus. The report included an analysis of existing storm drainage and detention systems, noting of deficiencies, and recommends for improvement.

Woods Hill Solar, Pomfret, CT

Steve provided construction oversight and engineering consultation to assist in remediating a project which was issued a stop work order due to erosion concerns. Responsibilities included daily site visits and observations, preparation of inspection reports, and guidance on remedial erosion control.

Youth Continuum, New Haven, CT

Prior to joining VHB, Steve provided engineering design services for residential group homes at two sites. The design included site layout, grading, utility design including storm drainage and sewer, and sediment and erosion control. He assisted in preparing applications for local Development Permit and Special Exception Site Plan permit.

Zoning Commission and Inland/Wetlands Commission, New Milford, CT

Prior to joining VHB, Steve assisted in representing his other firm in providing technical support for the Zoning Commission and Inland/Wetlands Commission. He reviewed plans, applications, and reports for these commissions and presented findings at public hearings.