



Stephen Kalach
Lead Plumbing Engineer
PE, CPD, LEED AP, BD+C

Education

Bachelor of Science, Mechanical Engineering
Worcester Polytechnic Institute

Registration

PE Mechanical: Virginia
Member, American Society of Plumbing Engineers
LEED Accredited Professional, BD+C

Stephen Kalach is an experienced Plumbing and Fire Protection Engineer with a broad design base working on offices, museums, high-rise hotels, and small mixed-use buildings.

Stephen is responsible for the design of a wide range of plumbing and sustainable water systems. His career focus is on providing innovative and client-focused solutions at all scales from campus rainwater collection/treatment/reuse systems down to detailing individual fixture connections.

RELEVANT EXPERIENCE

Gallaudet University – Ballard North Residence Hall & Peet Hall

WASHINGTON, DC

» Multiple renovations for office and administrative building.

Gallaudet University, College Hall

WASHINGTON, DC

» Modifications to existing dormitory on university campus to allow for office use and swing space.

Gallaudet University – STM Renovation Hall Memorial Building

WASHINGTON, DC

» Science Technology Math (STM) building modernization, inclusive of energy reduction and deaf space standards.

University of Maryland

COLLEGE PARK, MARYLAND

» Commissioning services for existing building spaces where locker rooms are now converted into a collaborative laboratory and research space of 11,000 sf and faculty offices and conference space of 5,500 sf.

Mundo Verde Bilingual Public Charter School

WASHINGTON, DC

» Commissioning services for the historic John F. Cook Elementary School. Constructed in 1925, the school is being converted into the Mundo Verde Public Charter School. The project is targeted a LEED Gold/Platinum Certification by focusing on lighting power reduction, indoor air quality, and energy savings. With over 42,000 sf of existing building and a 10,000 sf addition, this school will accommodate the community's vastly growing population.

Wilson Secondary School

ARLINGTON, VIRGINIA

» A new high rise secondary school for up to 1,300 students. The project includes a special needs program for approximately 504 students. Combined new total gross area of up to 240,000 gsf. Six to eight floors above grade with additional floors for parking and other support spaces below grade.

Abingdon Elementary School

FAIRFAX COUNTY, VIRGINIA

» An addition and renovation of 27,000 sf with estimated cost of \$28 million for a 725 student seat capacity / LEED Silver Standard.

Oakcrest School for Girls New Campus

MCLEAN, VIRGINIA

» A new private girls school totaling 100,000 sf. The design includes chapel, gymnasium, multi-purpose hall and dining facility, library and science labs, outdoor teaching areas, art room, choir room, instrument room, commons, and theater.

College Town Office & Retail Development

ROCHESTER, NEW YORK

» A 14-acre multi-use urban village redevelopment that stands as a testament to district-scale planning, integrated design and resource stewardship.