

Davis Barracks | U.S. Military Academy at West Point, NY

Sitting downhill from the Cadet Chapel, the high point at West Point United States Military Academy, is the General Benjamin O. Davis Jr. Barracks – the first new barracks built in 50 years at the Academy. This was named after the first African-American general officer in the United States Air Force. The project was completed in 2017 and houses more than 650 cadets.



This project was a Design-Build where Academy Energy Group (AEG) worked directly with the general contractor Walsh Construction. AEG reviewed the lighting design and made improvements to deliver a better product to the end user, while controlling the budget for Walsh. AEG updated the lighting and controls system design with most efficient LED technology. This included daylight harvesting while complying with National Historic Landmark Requirements.

AEG met that challenge by analyzing the design and fixture efficacy with application engineering and product knowledge to select products with longer life, lower energy usage, and improved warranties while controlling budget – getting more for less. Working closely with the project team, AEG updated the design that incorporated more than 4,500 light fixtures and networked lighting controls integrated into the Building Automation System (BAS).

The design won a National “Best in Class” Engineering New Record (ENR) Award. It was featured and published in “The Military Engineer” Magazine (TME) by the Society of American Military Engineers. This project established a national brand for AEG within the federal market.

AEG’s connection to this project goes beyond delivering successfully on it. It holds personal meaning as well. Academy Energy Group was named after the U.S. Military Academy at West Point, New York that co-founder Bill Morrison attended and Loyola Academy at Wilmette, Illinois that co-founder Andy Lynch attended. Both schools teach the values of ethics, integrity, teamwork, and service to others – which are the founding principles of Academy Energy Group.