



Project Profile

Client:

Delaware Aerospace Education Foundation (DASEF)

Design Professional:

Joe Farina, AIA

Location:

Smyrna, DE

Delivery Method:

Construction Management

Key Challenges:

- To construct a new Aerospace Museum, Environmental Outpost Educational Center and vehicle maintenance and storage building.
- To incorporate green building techniques in order to apply for LEED certification.

The Innovation Technology and Exploration Center

Located on a 40-acre site in Smyrna, Delaware, the Innovation Technology and Exploration Center (ITEC) project is being completed in four phases. Bancroft has completed Phase I which included site work, construction of a vehicle storage building, and the Environmental Outpost. Utilized for various DASEF youth educational programs, summer camps, parties and seminars, the ITEC Environmental Outpost houses classrooms and office space and an observatory with a Meade LX200 telescope. Phase II of the project is currently in progress. The structural steel, roof decking, stairs, and concrete are in place for the three-story, 40,000 square foot ITEC Education Building. The facility will include offices, exhibit areas, a theater, classrooms, and dormitory space. In accordance with DASEF's commitment to the environment, the building is registered for LEED Gold certification. A green roof, solar panels, wind turbine, reuse of water for irrigation and toilets, motion sensor lighting, and solar LED night sky lighting are just a few examples of the green building components planned for this facility. In July of 2010, the Environmental Outpost building of ITEC achieved LEED Silver Certification by the United States Green Building Council (USGBC).