Sail Newport Marine Education and Recreation Center
Sustainably Designed, Sourced, Built and Operated

Sustainable Design
The team used modern design and construction technologies to create a sustainable sailing center for the community

“Above Code” construction planned to achieve exceptional strength and low environmental impact

Materials
Structural insulated panels (SIPs) are high-performance and energy-efficient

LED lighting throughout building

Flooring made with natural biodegradable materials

Hardie Plank Siding – A sustainable formula of wood pulp, sand, cement and water

Zero VOC paint

Flood Safety
Flow-through system to prevent structural damage of waterfront facility

Ground floor constructed of flood-resistant materials to minimize building debris from entering harbor and thus decrease waste in landfill.

All mechanical and electronic systems located above the flood plain

Water
Rainwater harvesting collects storm water from the roof and rain gardens to a below-ground storage tank. The water is used for irrigation, flushing plumbing fixtures and controlled wash-down of boats

Supported by the Loeb Family Foundation

Rain gardens create a natural water runoff reduction system

Restroom check valves to stop flood waters from leaking into the municipal system and the discharge of untreated wastewater into the environment

Drinking Water Fountains
Provide filling stations for reusable water bottles and decrease the need for cups.

Energy Efficiency
75 Solar Panels will generate 27,820 Kilowatt-hours/year for approximately 60% of Sail Newport’s power needs

CommandScape™ system monitors lighting, heating and cooling efficiency

Windows and clerestory at top of building for natural light, passive solar and cooling sea breezes

100% of office and classrooms have natural lighting through high-grade energy-efficient windows

Energy efficient heating, ventilating and cooling systems

Travel
Made available for water taxi and harbor ferries for water transportation.

Sustainability Partners