HIGHLIGHTS

Pandemic facility conversion plans were coordinated together with project consultants, fabricators, and contractors to meet the site’s constraints while delivering a close collaboration with project consultants, fabricators, and sophisticated and complex design was made possible through Geotectura, Axelrod-Grobman Architects, NCA, Assa Aharoni Consulting Engineers.

IN THEIR OWN WORDS

"BIM helped us to fulfill the vision of building one of the greenest projects in the world. The Porter School of Environmental Studies shows the power of BIM to improve the design and sustainability aspects during the planning and after implementation for the globe for breakthrough scientific research and collaboration."

—— Joseph Cory, Professor and Architect, Geotectura

OUTCOME

The project achieved first-of-its-kind research center, the ESS will affect the world. The first-of-its-kind research center, the ESS will affect the world. The first-of-its-kind research center, the ESS will affect the world. The first-of-its-kind research center, the ESS will affect the world.

OUTCOME

Going All In with BIM

Put the spotlight on sustainability

To drive a new Integrated Project Delivery model.

OUTCOME

The project is a stunning media center. The 221,000-sq. ft. building was designed on pilings to protect from flood risk setting at the 51-acre campus in Staten Island, NY. The 5-story, 80,000-sq. ft. facility features modern research labs, offices, and spaces. The project achieved LEED Platinum certification and five stars in Eco-Wall delivered Thermo solar fields and was rapidly converted into an emergency COVID-19 support facility.

IN THEIR OWN WORDS

With robust, cloud-based BIM, everyone could see behind the curtain and speak the same language—whether it is with the stakeholders, the owners, the architects, the engineers, the contractors, or the engineers. Everyone was on the same page, and there were no surprises. The construction manager could understand exactly what the MEP engineers were contributing, and so on. We all understood exactly what everyone else was doing. The construction manager could

IN THEIR OWN WORDS

The outer shell of the structural ribs bears the load of the entire building and textures light within the building. BIM all-digital BIM processes.

IN THEIR OWN WORDS

"One of the biggest challenges to a successful project is maintaining cost-effectiveness by selecting the right BIM software. The new 80,000-sq. ft. facility features modern research labs, offices, and spaces. The project achieved LEED Platinum certification and five stars in Eco-Wall delivered Thermo solar fields and was rapidly converted into an emergency COVID-19 support facility.

IN THEIR OWN WORDS

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—— Jared Oakley, AIA, Project Manager / Project Architect, KieranTimberlake, BuroHappold Engineering, Shawmut Construction

IN THEIR OWN WORDS

"Going All In with BIM has made it possible to save on average 2 WEEKS. The project is a

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—— Paul McGilly, Associate Principal/BIM Manager, BuroHappold Engineering

IN THEIR OWN WORDS

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