PROJECT CASE HISTORY

NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES

Raleigh, North Carolina

Client Project

The National Institute of Environmental Health Sciences required a temporary facility to support research and investigations in autoimmunity, infectious diseases, and developmental defects. The facility solution had to be fully code complaint and functional, while incorporating complex mechanical and building systems that can be easily removed.

Client Need

NIEHS needed to construct a state-of-the-art facility on an accelerated construction schedule in order to help bridge the gap between bench science and patient care. It is important that the design consider patient flow and employee working patterns while allowing future flexibility for other laboratory research purposes.

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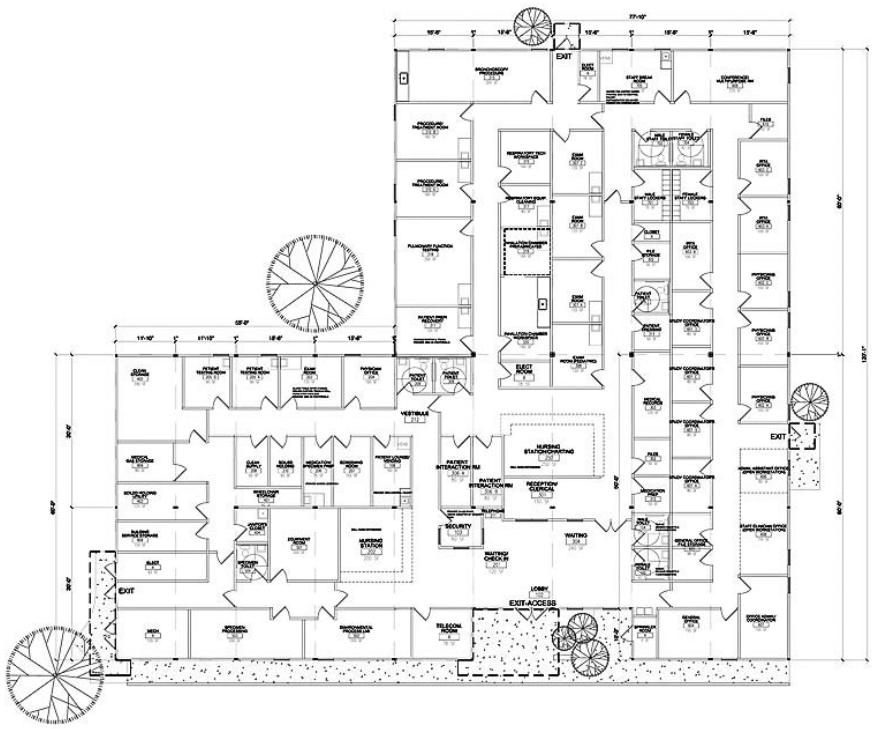

The Williams Scotsman Solution

The accelerated construction approach by Williams Scotsman and its manufacturing partner allowed for the modular building components to be manufactured in parallel with site work, expediting the construction process. The project was fully design built using an A&E team that held years of experience installing complicated mechanical systems through work on modular BLS-3 applications. The building's design utilized some of the natural contours of the site and blended with the architectural style of the existing buildings on campus.

The Result

The 14,144 sq. ft. facility was built to meet the following codes – IBG/ADA/IPC/NEC/IMG/IECC – and features a central boiler, chillers, full med gasses, level-2 BSC's and fume hoods, pressurized spaces, filtration, humidification, VFP's, VAV's, redundant power, inhalation chamber, fluoroscopy, code blue and commissioning.

MILESTONES

MODULAR PROJECT TIMELINE:

6 Months

STICK-BUILT PROJECT TIMELINE:

9 – 12 Months*

* Estimated for comparative purposes

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