WALTER REED MEDICAL CENTER

Clinic and **Hospital**

CHALLENGE

- Utilize space from existing sloped parking lot without incurring extensive demolition or development work

- Avoid disruption to surrounding Naval facility

- Comply with government UFC codes

SOLUTION

- System of steel pilings efficiently transformed sloped parking lot into level foundational platform

- Major portion of structural steel, poured concrete floors, and interior framing completed off site while pile driving/site development took place

- 110 medical exam rooms and eye surgery centers

SUCCESS

- Avoided significant site concrete work, which accelerated completion and provided budget efficiencies

- All electrical, HVAC, plumbing, and sprinkler systems were completed off-site to government UFC codes

SCHEDULE ACCELERATION   **LEAST SITE IMPACT**   **COST CERTAINTY**

WALTER REED MEDICAL CENTER

Clinic and **Hospital**

The new two-story hospital located at the Naval Support Activity (Walter Reed National Military Medical Center) in Bethesda, MD contains 110 medical exam rooms and eye surgery centers for the United States military.

The foundation was constructed as a system of steel pilings that were driven into an existing sloped parking lot. This approach provided a level plane onto which the modular units were installed.

The modular structure is a structural steel perimeter frame with wood exterior and interior framing members, finished with a cementitious exterior panel system and in compliance with federal government UFC codes and standards.

As part of our unique "Build Together" process, all electrical, HVAC, plumbing, and sprinkler systems were completed at the MODLOGIQ facility in New Holland, PA, with final connections of those systems completed after the final erection of all modular units on site.

TIMELINE
26 weeks

SIZE
85,000 SF (2 Stories/124 Units)

LOCATION
Bethesda, MD

BUILDING PARTNERS
Whiting-Turner

MODLOGIQ
SMART OFF-SITE CONSTRUCTION

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