



Temporary Modular Healthcare over 5,000 sq. ft.

Entry Name: Walter Reed Medical Center

Entrant: Mobilease Modular Space, Inc.

Affiliate: Design Space, Inc.

Location: Bethesda, MD

Building Use: Pediatric Clinic Swing Space

Number of Modules: 10

Average Module Size: 12 x 32 x 14

Total Square Feet: 7020

Days to Complete: 121

Architectural Excellence

Well publicized concerns over the deteriorating hospital conditions provided for injured war veterans and their families at both the Army's Walter Reed Medical Center in Washington, DC and the Naval Hospital in Bethesda, MD resulted in the appropriation of \$640,000,000 to construct a new Walter Reed facility in Bethesda and to do substantial renovation of the Naval Hospital. During this massive construction effort, Mobilease teamed with the world class construction team of Clark Construction and Balfour Beatty Construction to provide a temporary pediatric clinic. The 7,020 SF, non-combustible structure includes (32) exam rooms. It was installed directly adjoining the existing hospital and a portion of the modular structure roof is only inches below an existing pedestrian bridge. This full turnkey project includes Hardipanel® "stucco" exterior to match the stucco finish on the existing hospital. All interior finishes are architectural spec quality and conform to UFC 4-510-01.

Technical Innovation

410A refrigerant that was provided for the (3) rooftop HVAC units is the next generation product that will replace R22 effective January 1, 2010. This project met the new "green" deadline more than 8 months in advance of the legal requirement.

Cost Effectiveness/Energy Efficiency

All mechanical systems were required to meet the state-of-the-art, stringent ventilation rates required by UFC 4-510-01. The super high efficiency, 410A, HVAC system, provided by Atex, is a high-efficiency heat pump, constant volume, VAV system with (30) zones including electrical heating elements and bypass. Bypass air that is not needed in an individual exam room is efficiently re-circulated into the system.