



Permanent Modular Healthcare under 5,000 sq. ft.

Entry Name: VA Shreveport Offices

Entrant: Mobilease Modular Space, Inc.
 Affiliate: Comark Building Systems, Inc.
 Location: Shreveport, LA
 Building Use: Medical Office Space

Number of Modules: 5
 Average Module Size: 14 x 76 x 14
 Total Square Feet: 4996
 Days to Complete: 92

Architectural Excellence

The VA, Shreveport, LA was faced with an emergency need to provide office space for accounting, legal and medical staff that were to be displaced from a 60-year old building that was to be demolished in less than 120 days. Very narrow site conditions with a steep drop off required the design/build team to provide five modular units in two adjoining structures. This full turnkey project included brick and coined EFIS finishes that closely matched those of surrounding structures. In addition, all interior finishes are architectural spec quality. All three entrances were provided with painted steel decks and ramps in order to accommodate the special needs of patients.

Technical Innovation

The design of the building foundation system provided a series of engineering challenges due to the 14' x 76' dimensions of three modular units and the weight of the exterior brick and EFIS materials. In addition, the drop at the site was 5' over 120'. As a result, the buildings were surrounded by a galvanized, 5" x 5" brick ledge attached to adjustable, 5 1/2" x 5 1/2" structural tubing piers.

Cost Effectiveness/Energy Efficiency

These structures were designed from the ground up with energy conservation in mind. Trane 50TM004-014, 12 SEER, high efficiency roof top HVAC units were provided with insulated, galvanized duct. Each unit also includes an electronic, programmable wall thermostat with automatic change over. The exterior package includes dual pane, tinted, low-E glass throughout, a white TPO roof, and insulation values of R-13 (walls), R-22 (floor) and R-30 (roof) that exceed Louisiana energy code requirements. Interior lighting fixtures include 3-tube, T8 lamps with high efficiency electronic ballasts. All exit lights include energy efficient, LED displays.