



ENERGY EFFICIENT MODULAR CONSTRUCTION

Chandler Bay is a 6 building community located in Osage Beach, Missouri. The buildings showcase many Energy efficient and Green features inherent to Modular construction.

The Chandler Bay Community is comprised of 48 apartments built to local codes by the Crest plant in Middlebury, IN, a subsidiary of Clayton Homes. It took three weeks to build these LEED Gold and Energy Star certified buildings. They are estimated to have energy bills below the typical plan by about 20-30 percent.

There are thirty two 933 square foot two-bedroom - two-bath and sixteen 1,212 square foot three bedroom – two bath apartments.

PROJECT OVERVIEW

- 6 Two-story Buildings
- Garden Style Apartments
- 48 Individual Apartment Units

DURATION:

November 2010 – June 2011

TOTAL DEVELOPMENT BUDGET:

\$5,500,000.00

Housing, covered parking, and community center. This project tied modular construction with site built construction.

SERVICES PERFORMED:

Design Development
Engineering
Construction Management

Clayton Homes

Since 1934, Clayton Homes has built more than 1.5 million modular homes and has won multiple awards for design and construction. Clayton Homes, Inc., builds, sells, finances, leases, and insures manufactured and modular homes. Clayton Building Solutions builds permanent residential and commercial construction in the categories of single family, multi-family, assisted living, educational, and dormitories for student and military housing. Headquartered in Knoxville, TN, Clayton has 12,000 team members, 33 home building facilities and more than 1,450 home centers.