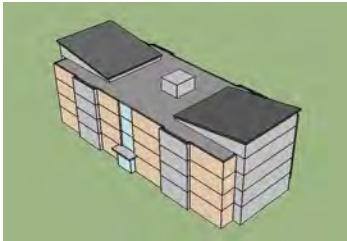


UNIVERSAL RESIDENCE HALL



Alternate Massing Options

College and university administrators and campus housing officers face new challenges as they prepare to accommodate the next generation of students. Traditional residence halls offer little flexibility in housing different classes with differing spatial needs and expectations. Fixed floor plans, designed specifically for doubles, singles or suites, limit housing options when there is a change in demand. Reconfiguration usually requires costly structural changes and considerable construction time.

CBT's recent research on alternative housing solutions inspired the design of a highly flexible prototype building – the Universal Residence Hall. This residence hall, in either a low rise or high rise configuration, features residential floors that can be readily reconfigured. Depending on a preferred class formation, each floor can host a variety of living options that can change from an open plan of doubles with shared common space and bathrooms for freshmen; to a configuration of apartments with single bedrooms, private living and full kitchens for seniors, all within approximately two weeks.

The inherent flexibility of the Universal Residence Hall also allows institutions to take different types of existing residence halls off line for renovation. The Universal Hall can be converted to serve as a "swing space" hall to accommodate any particular class population during a renovation.

Although the uniqueness of this design concept is realized primarily in plan, the Universal Residence Hall also incorporates sustainable features, such as solar chimneys, natural light enhancement and photovoltaic arrays, along with more traditional strategies including recycled material content, low flow, dual flush water conservation.

The simple building profile allows the exterior of the residence hall to be treated in either a contemporary or more traditional style in keeping with the context of the campus. The materials and finishes are determined by the institutions' standards and budgets.

The Universal Residence Hall is designed to meet the competitive concerns of colleges and universities by providing the highest degree of flexibility with the lowest cost and time needed to react, respond and stay competitive with their campus housing.