

MASS TIMBER

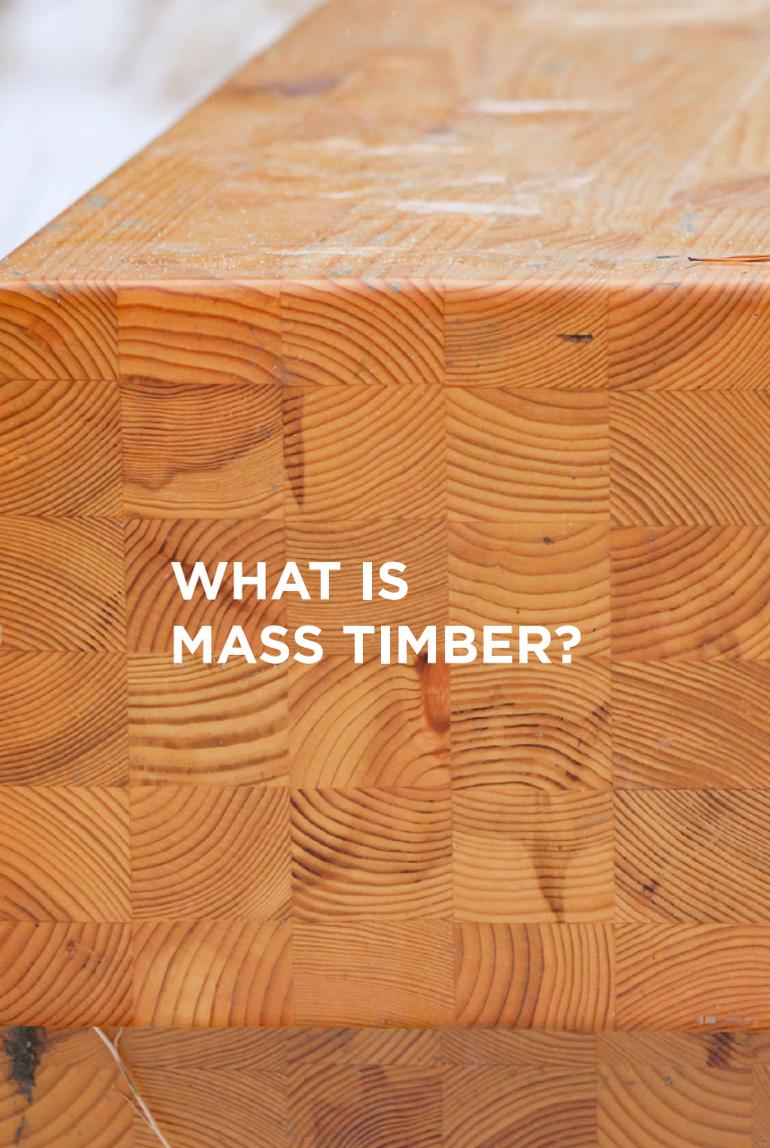
at Rice University



B ——— L

Kirksey
ARCHITECTURE

FORNEY

A close-up photograph of a mass timber panel. The panel is composed of numerous small, rectangular pieces of wood, each with a distinct, concentric wood grain pattern. The pieces are arranged in a grid, creating a complex, interlocking texture. The wood is a warm, light brown color. The top edge of the panel is slightly rounded and shows some wear. The background is a plain, light color.

WHAT IS MASS TIMBER?

Mass timber is a solid wood framing system that is made from small pieces of dimensional lumber that are secured with either glue, dowels, or nails.

Mass timber elements may be used for structural floor, roof, column, beam, or wall applications within a building.

BENEFITS OF MASS TIMBER

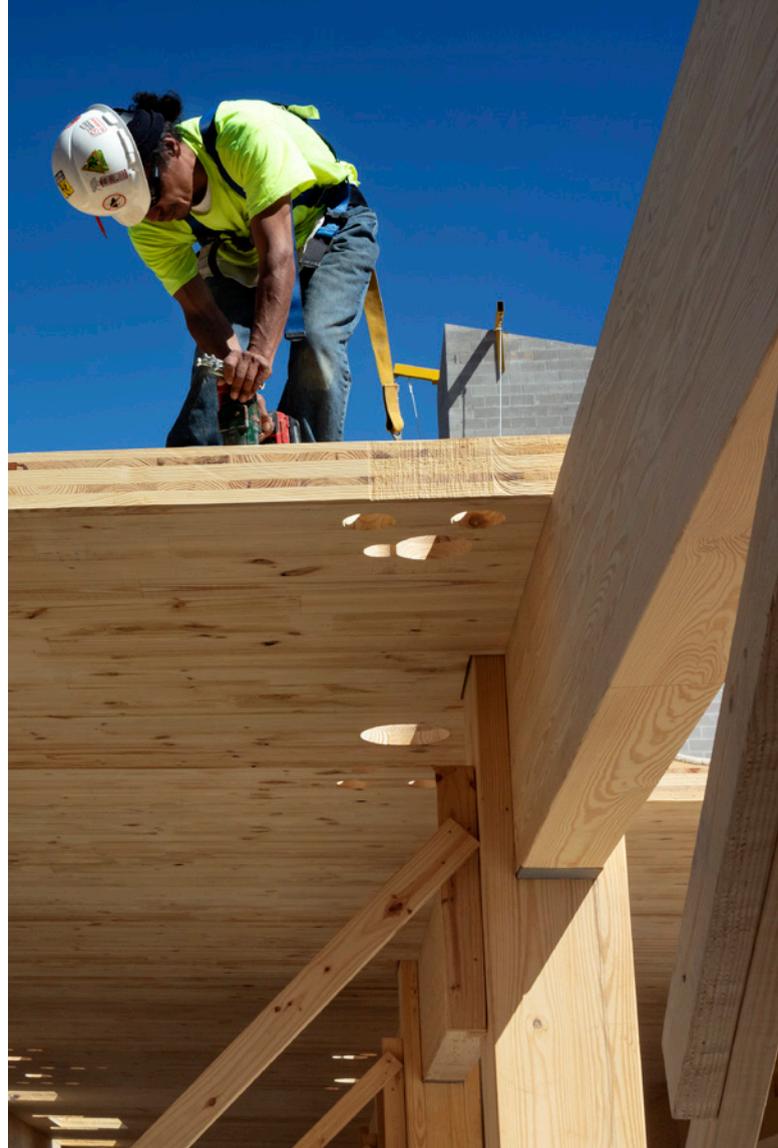
- + Reduced construction time
- + Quiet construction site
- + Reduced foundation
- + Carbon storage
- + Biophilia



WHY MASS TIMBER AT RICE UNIVERSITY?

“This parallels our architectural research, so that’s one of the rationales for us wanting to build with timber.”

Mark Ditman, Associate Vice President Housing and Dining, Rice University



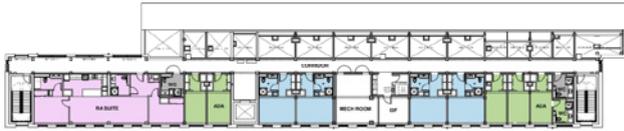
HANSZEN COLLEGE

The Hanszen College Wing is a replacement of the existing 1957 building. The existing facility was an “L” shaped building and the new facility has a reduced, more efficient footprint, allowing space for future growth.

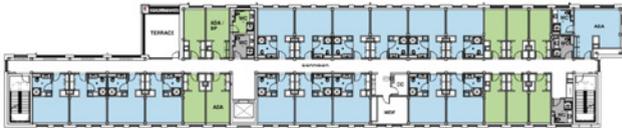
The new facility will be approximately 57,500 square feet and five stories tall.



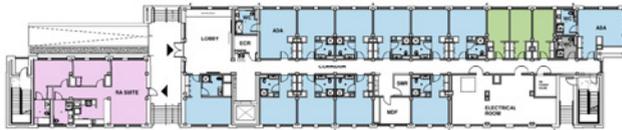
FLOOR PLANS



Fifth Floor Plan



Second - Fourth Floor Plans



First Floor Plan



Basement Floor Plan

- SINGLE ROOM
- DOUBLE ROOM
- BATHROOM POD
- RA SUITE

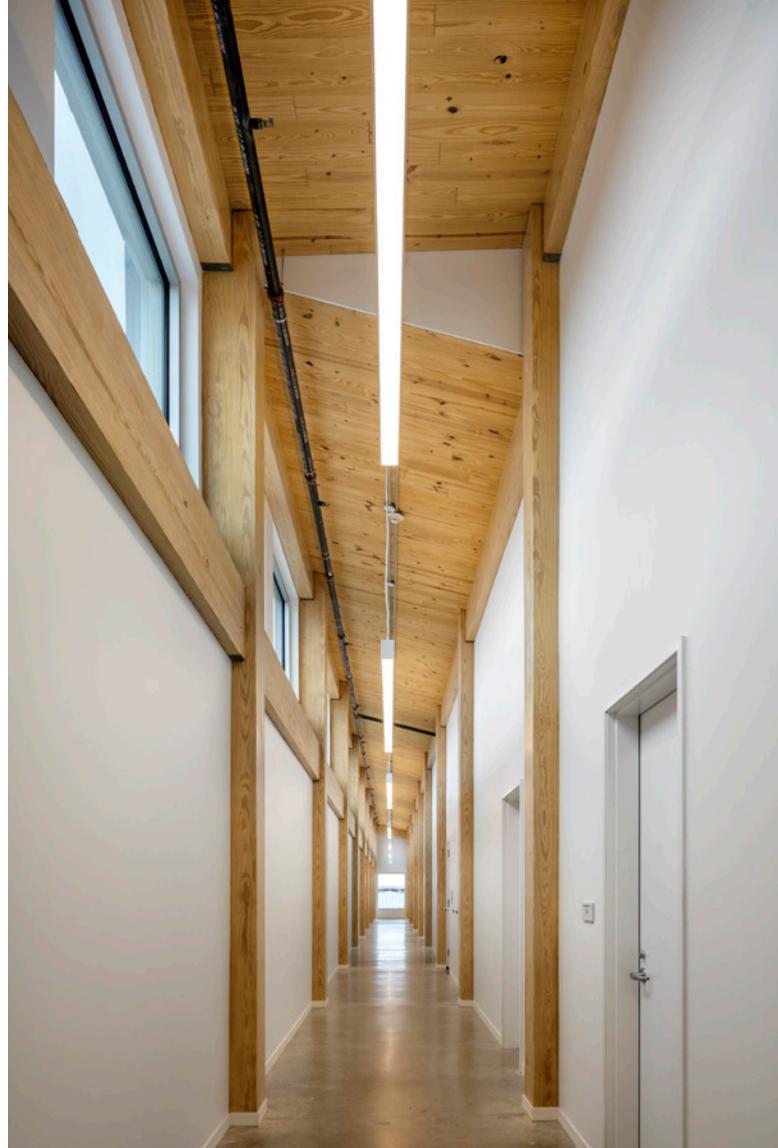


DESIGN INTENT:

PROVIDE AS MUCH EXPOSED
MASS TIMBER AS POSSIBLE.

SOLUTION:

- + Free and clear corridors
- + Free and clear bedroom spaces
- + Concealed spaces only at
the bathrooms and entry to the dorm.



RESIDENTIAL ROOMS

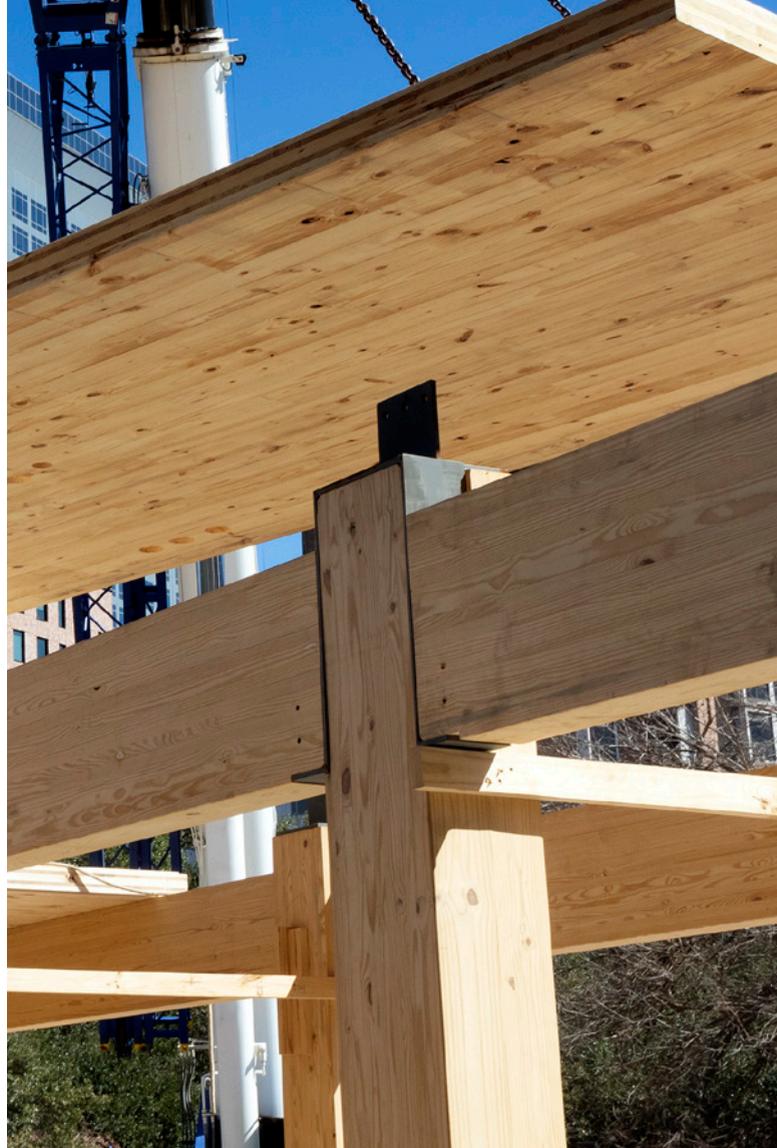
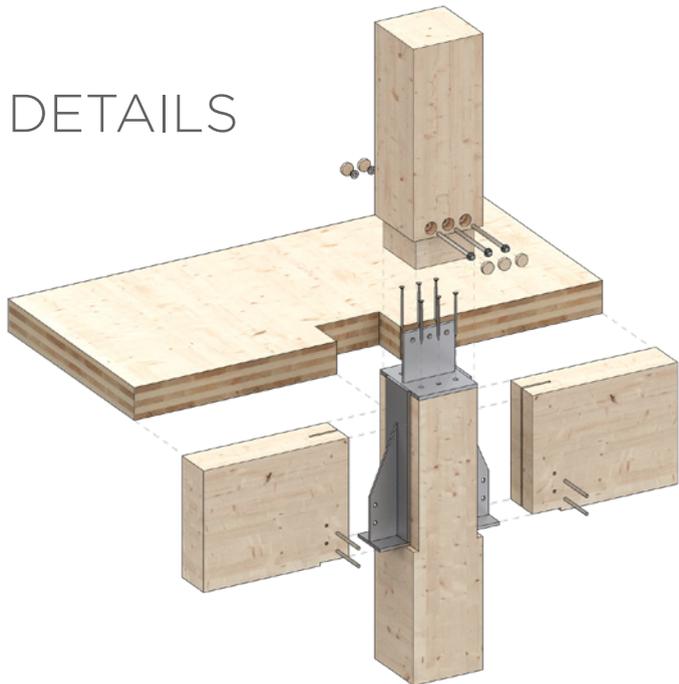
The College includes 166 beds with single and double bed configurations.

In addition, the facility will include two residential advisor suites, a lobby and outdoor terraces overlooking the Hanszen quad.



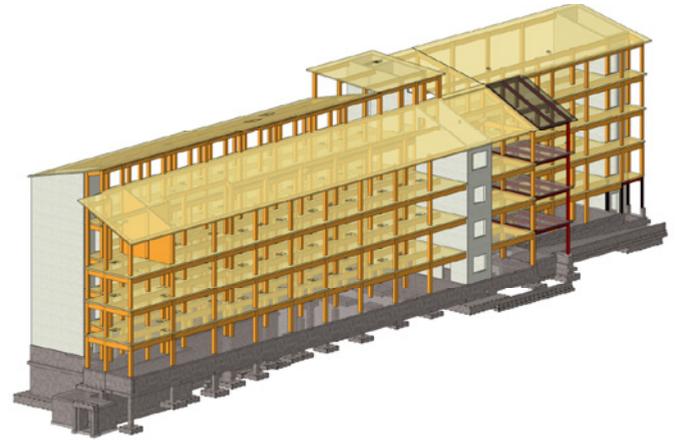
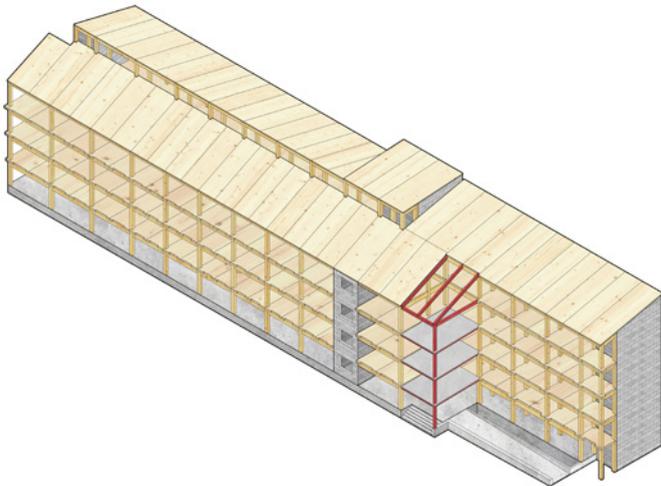


DETAILS





Hanszen College is the first mass timber collegiate residential facility in Texas.



The project is constructed using SYP (Southern Yellow Pine) species.



Scan with your smartphone camera to see a short construction video.

For more information, contact
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