The Stephen M. Ross School of Business Kresge Renovation & Jeff T. Blau Hall project provides for the Ross School of Business (2016) with new classrooms, collaboration and group study space, and office space focused on program offices, research centers and student-centered departments such as Career Services and Admissions.

The project substantially improves the building complex for the RSB community, providing a clear new entrance on East University Avenue, a unified architectural character both indoors and outdoors, and a consistent level of quality for the interior experience.

Elevators improved/overclad of 3 buildings

Existing structure and green roof at Kresge building retained

Storm water retention along Monroe Mall and internal courtyard

The densified RSB complex maximizes site usage on an underutilized site.

The detailed views in this presentation show the efficiency of both daylighting and green building materials. Solutions range from using green roofs to heat recovery systems, and from using solar paneling to improving the insulation of the building. Each of these solutions contributes to reducing energy consumption, making the building more environmentally friendly.

The project integrates the latest in sustainable building practices, demonstrating a commitment to creating a healthy and efficient learning environment for students and faculty alike.

**Sustainability Facts**

**Stephen M. Ross School of Business Kresge Renovation & Jeff T. Blau Hall**

**Building Use:** Office, Classroom and Meeting Space

**Location:** Ann Arbor, MI

**Size:** 175,000 square feet

**Renewable Materials:***

- **LEED certification level:** Gold
- **Energy cost savings:** $400,000
- **Energy cost savings compared to ASHRAE 90.1-2007 Appendix G requirements:** 10%
- **Chilled beams in the Kresge building limit duct work, maximizes floor to ceiling height, and requires less material while providing an efficient energy heating and cooling solution.**

**Energy Conservation Measures:**

Energy-efficient features and building design allow for an estimated 35% energy savings when compared with ASHRAE 90.1-2007 Appendix G requirements.

Chilled beams in the Kresge building limit duct work, maximizes floor to ceiling height, and requires less material while providing an efficient energy heating and cooling solution.

Energy recovered with Heat Wheel System, reducing heating and cooling energy for ventilation.

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**Stephen M. Ross School of Business Kresge Renovation & Jeff T. Blau Hall**

**Construction Firm:** KPF

**Project Management:**

- **Constructor:** The Regents of the University of Michigan - Ross School of Business
- **Architect:** KPF
- **Engineer:** HNTB
- **Contractor:** The Blau Construction Company

**Design Period:** 3/2019 - 9/2020

**Construction Period:** 9/2020 - 9/2021

* The higher the R value, the better the insulating quality.
** The lower the U value, the better the thermal resistance of the window.
*** The higher the VI value the more daylight in the space. VI is measured between 1 and 1.