Sustainable Montpelier 2030 Design Competition

Team: Wiemann Lamphere Architects

The Team

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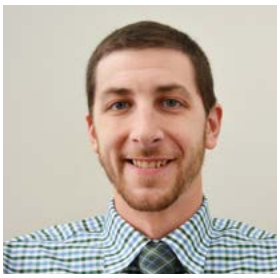

James Barrett

Allison Stoltze

Representative Projects

South Burlington City Center
(Urban Planning)

Wiemann Lamphere was hired by the City of S. Burlington to develop a 3D model of what the proposed City Center could look like if developed using the Form Based Code zoning regulations. Our goal was to help provide a vision and to educate the public about the possible changes within S. Burlington. The plans include a new municipal building, community library, recreation center, city parks & playgrounds, a festival street for special events, and dozens of new buildings with space for retail, hospitality, office, and residential use.

Montpelier Distillery Facility
(Local Project)

The distillery project is a 30,000 sf building to be located on the Winooski River in Montpelier. The project will include a manufacturing space with sufficient process waste energy that can be recaptured to provide energy for the remaining office, retail and public spaces associated with the project. The incorporation of biomass fuel source and solar pv panels will allow it to become Net-Zero.

VPR Headquarters
(Net Zero Commercial)

VPR currently occupies the former veterinary hospital, built at the turn of the last century. The historic structure has been retrofitted to accommodate a truly 21st century news production facility An important element of Vermont Public Radio is their commitment to sustainability of the built environment. As such, the building will be designed to achieve net-zero, meaning it will produce as much energy through renewable energy strategies as necessary to operate the building on an annual basis without the use of fossil fuels.

South Burlington Residence
(Net Zero residential)

This net-zero energy home will produce as much energy as it uses over the course of a year. A traditional design fit onto a small village lot, the house will require no fossil fuel and will produce all heat and electricity on site with the help of solar panels mounted on the roof. The goal of this house is to show that creating zero energy production housing is a real possibility and can be done now, even on small lots.

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