

Simpson Commons

Simple solutions to modern issues characterize this new mixed-use development on a 75'x100' infill lot in Northeast Portland. By incorporating several elegant, low-technology strategies, the building will conserve energy and capture stormwater on-site. For example, carefully placed operable windows and skylights will create natural airflow to keep the building cool while requiring no additional energy use. Mist sprayers will use captured stormwater to moderate the temperature around the building on hot summer days, improving occupant comfort without using energy. Ecoroofs that cover 90 percent of the four structures, an integrated solar thermal heat pump system and recycled materials complete the green features list. Keeping it simple also has another sustainability-related benefit. The units will be kept affordable to make the benefits of green building available to all.

Project Highlights

Low energy design

Stormwater capture and reuse

Ecoroofs

Solar thermal water heating

Recycled materials

Green Investment Fund









