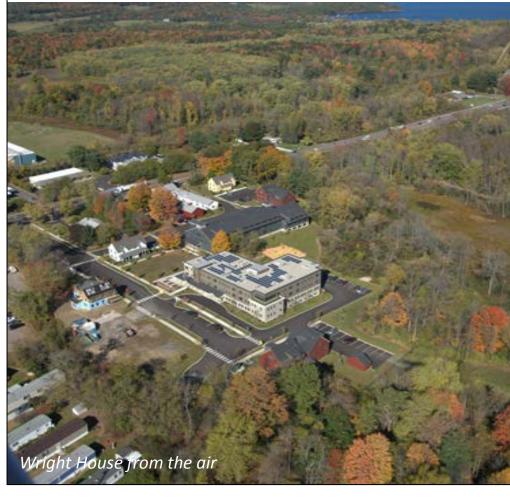
## Miranda Lescaze Cathedral Square Corporation Februrary 12, 2015





# Affordable housing for seniors and persons with disabilities:

- Thirty-six subsidized one-bedroom apartments
- Part of new, permanently affordable multigenerational neighborhood including 13.8 acres conserved land on the LaPlatte River
- Support and Services at Home (SASH) hub for Shelburne community
- NGBS gold, Energy Star 3.0, and Enterprise Green Communities certifications

### **Super insulated shell:**

- Walls insulated with cellulose and exterior foam, R27.5. Roof R60.
- R5 windows in gym
- Small green roof: heat absorption and insulation, as well as stormwater retention
- Incredibly tight building: air infiltration 0.59 ACH

#### **Intelligent mechanical system:**

- Natural gas heat
- Cooling provided by air source heat pumps
- Mechanical room includes a chase for future solar hot water on the roof
- Energy recovery unit
- Direct digital controls system

### **Cutting utility costs:**

- 30kW roof-mounted PV system
- LED lighting and lighting controls
- Rainwater collection system
- Energy dashboard illustrating energy use and production to promote resident engagement



# Wright House Shelburne, VT











