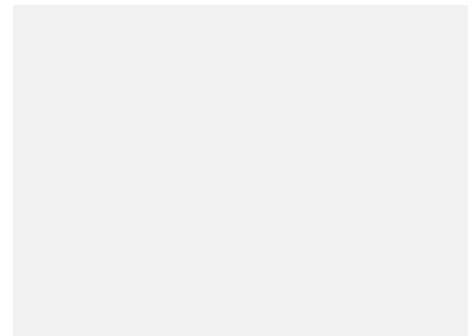
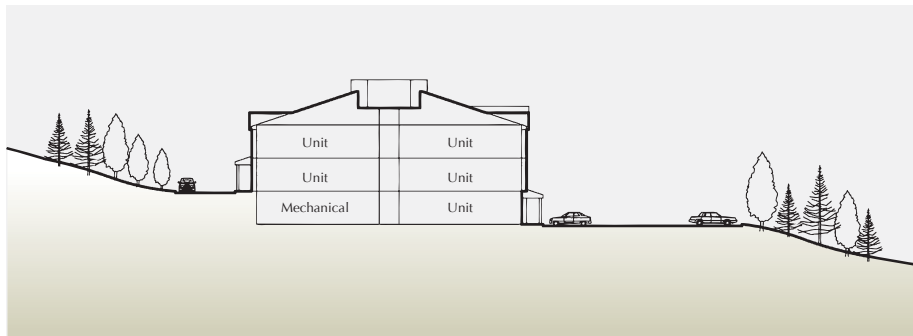
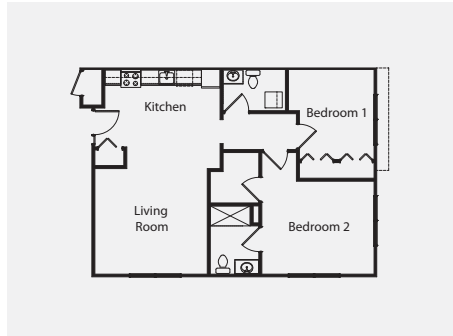
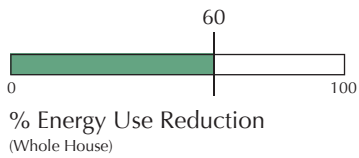




Taft Hill Manor

Uxbridge, MA
2008 | Design |



Taft Hill Manor is an age-restricted development made up of 65 two-bedroom units and 5 one-bedroom units. The 94,000 square foot multi-family building features a super-insulated enclosure, a “pod” mechanical system and a 70 kW photovoltaic (PV) array. Ten units make up a “pod”, sharing an air source heat pump and boiler but having their own air handlers, located in a dropped ceiling within each unit. Drain water heat recovery and hot water on demand systems are also implemented within each “pod”. Kitchen, bath and dryer exhaust vent through perimeter soffits to the exterior wall of each unit. Exterior walls are sheathed with 1 1/2” of rigid insulation, filled with cellulose cavity insulation and glazed with durable high performance pultruded fiberglass windows. Augmented by the 70 kW PV array, the 2 1/2 story building, comprised of residential units as well as amenity spaces, is designed to use 60% less energy than a comparable multi-family built to code in 2008.