

Example Projects — Residential (continued)

**Private Development
Cape Cod, MA**

**Multiple House Community
New Development**



AWE was the Geothermal HVAC engineer for the project. AWE designed a centralized geothermal heating and cooling system for the small community consisting of 9 houses. Community to share central geothermal ground loop with individual houses responsible for their own heat pumps to maximize geothermal efficiency and energy savings. Sonic drilling was used for the project.

(Under Construction)

**Private Residence
Dartmouth, MA**

(Architect: Dewing & Schmid
Architects)



AWE was the HVAC engineer for the 7,000 sq-ft new house construction project. A high energy efficiency heating and cooling system, as well as an energy recovery ventilation system with digital control were designed for the house.

(Completed in 2010)

**Private Residence
Austin, TX**

(Architect: Aamodt Plumb
Architects, LLC)



AWE was the HVAC & Plumbing engineer for the 10,000 sq-ft new house construction project. A high energy efficiency heating and cooling system, as well as an energy recovery ventilation system with digital control were designed for the Main House and the Guest House.

(Under Construction)

**Private Residence
Martha's Vineyard, MA**

(Architect: Handlin, Garrahan,
Zachos & Associates)



AWE provided energy consulting for the pool water heating system to help the architect achieve "zero-energy" design for the new construction of the outdoor in-ground swimming pool. High efficiency heat pumps, as well as solar photovoltaic technologies were utilized for pool water heating.