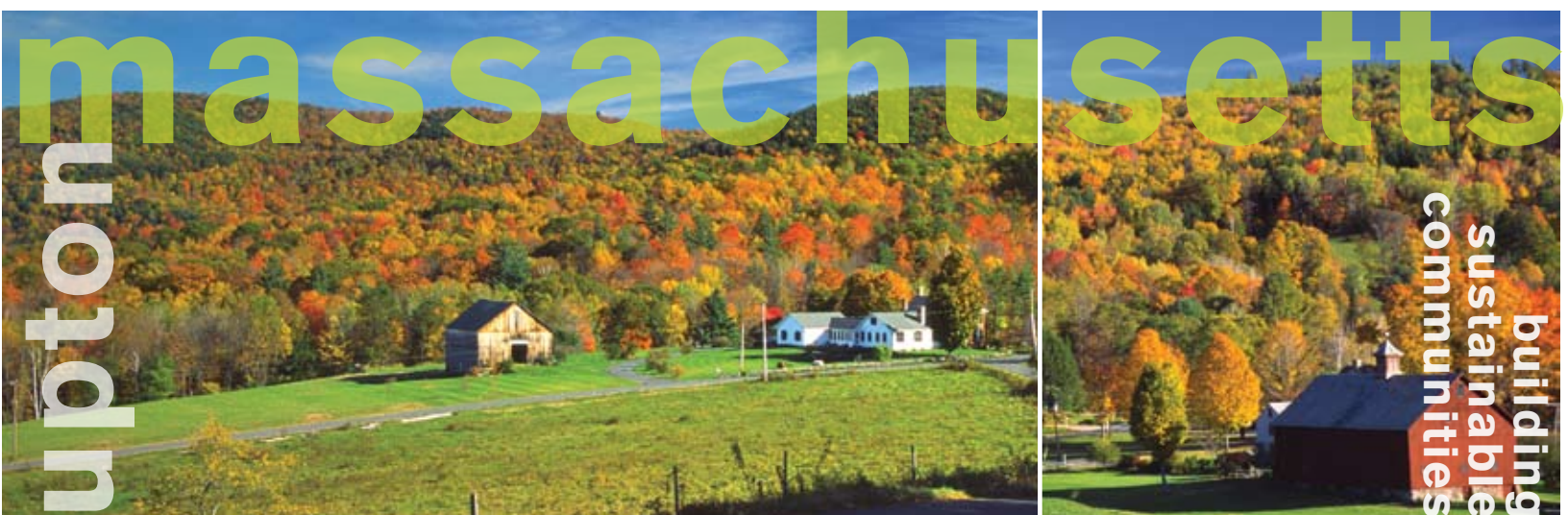


organic farm community



If beautiful scenic farmland is going to be developed, how can it best be done in a responsible and sustainable manner, while serving as a model for similar locations?

ecosolutions

- Minimize the development footprint and impact on natural habitats - permit cluster development.
- Protect and preserve the natural character and features of the property - designate a significant portion of land as conservation area, protecting it from future development.
- Permit appropriately scaled mixed use of the property - agricultural, commercial, and residential.
- By allowing responsible cluster development, neighborhoods are formed that encourage common interests of the community and the principles of sustainability.

greenoptions

- Highly insulated, tight building envelope with cycled outdoor air delivery
- Passive solar building design
- Geo-thermal heating and cooling systems
- Solar thermal domestic water systems
- Solar thermal radiant floor heating
- Solar photovoltaic systems
- Wind turbine to feed development electrical grid
- Hybrid renewable energy systems
- Advanced framing techniques for material efficiency
- Rainwater harvesting for irrigation and grey water use
- Select native, climate tolerant plants within landscape design
- Pervious pavement to limit disruption of natural hydrology and manage storm water runoff
- Composting toilets to reduce demand on water use and design of shared septic systems
- High efficiency plumbing fixtures
- Construction waste management plan
- Sensitive selection of interior and exterior materials (regional, reclaimed, recycled, certified, and/or rapidly renewable)
- Construction indoor environmental quality plan
- Selection of low-emitting interior materials (paint, carpet, plywoods, adhesives, and sealants)
- Energy efficient appliances
- Energy efficient lighting package
- Thermal and lighting controls
- Daylighting
- Comprehensive owners manuals
- USGBC LEED for Homes certification (Certified - Platinum)
- USGBC LEED certification for Neighborhood Development (Pilot program)

design + build + green


verdeco
DESIGNS