

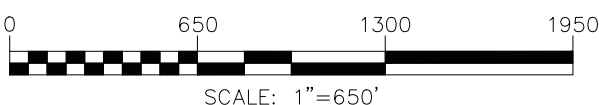
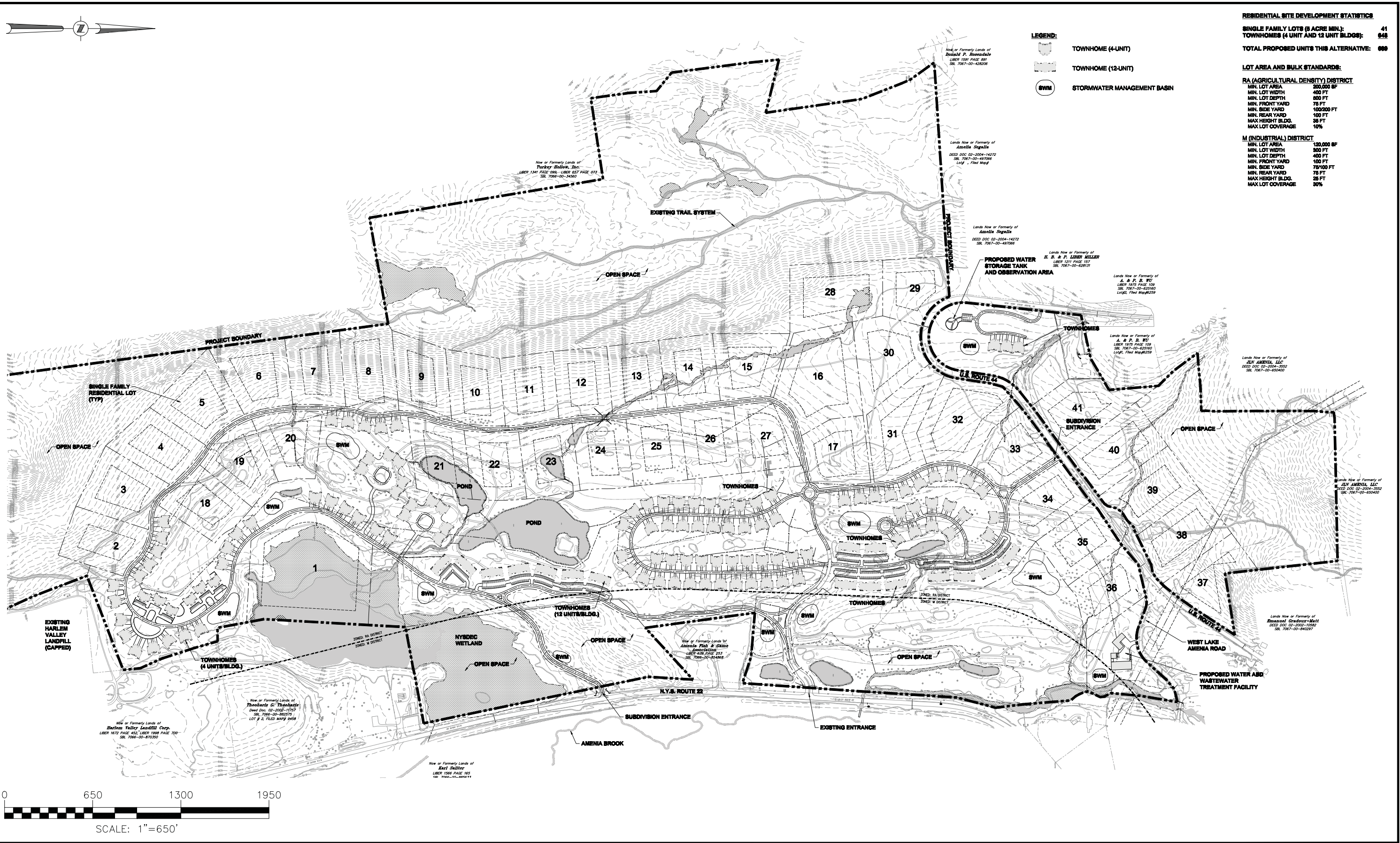
Alternative, the development is anticipated to be a vacation and second-home community. Therefore, this Alternative would generate more traffic, solid waste, and wastewater due to the larger permanent population that would be expected. It would also generate demand for more water and create a greater demand for public services such as police, fire, and emergency medical services. This alternative would also generate 89 more school children (217 school children in total), and would yield a fiscal deficit to both the Town and School District when comparing the costs of providing services to generated tax revenues.

Without retention of the golf course, this alternative preserves significantly less open space than the Proposed Action. It should also be noted that the Conforming Zoning Alternative does not meet the Applicant's desired objectives.

## **5.5 Alternative Energy Option**

The Applicant has evaluated the potential and feasibility for the use of alternative energy resources at the Silo Ridge Resort Community, including wind power, solar energy, groundwater heat pump sources, and methane from the Harlem Valley Landfill. The use of geothermal energy to supplement conventional heating methods for the proposed project does not appear to be feasible on the project site, as it would be cost-prohibitive for a project of this size. Wind power is not practical on this site, as it requires large amounts of land for windmills. In addition, there would be significant visual impacts from the number of windmills that would be necessary to provide a source of energy for a project of this size. Use of methane from the Harlem Valley Landfill is not feasible as a source of energy for the proposed project because the quantity available would be insufficient to meet the demands of the proposed project. The use of solar energy as an alternate energy source may be possible in some areas of the site and will be considered when the project moves forward in the design phase.

Drawing Name: S:\1\10400-10499\10454.00\ENG\DWG\310\_TNA\_FIG 5-20\_10454-02\_ZONING-ALT4.dwg Date Printed: Jun 20, 2007, 11:48am



	<b>Silo Ridge Resort Community</b> <b>CONFORMING ZONING ALTERNATIVE</b>	SCALE: 1"=650' <b>Figure 5.20</b>
	Town of Amenia, Dutchess County, New York	<b>JOB NUMBER: 10454.02</b>

