

### Digitas



#### JP Cohousing

The Cohousing proposal calls for the construction of a 34,500 sq. ft., 30-unit residential development. The buildings will also include an unfinished basement, and, consistent with the values of cohousing, space for several common areas, including a Common House with a shared living room, kitchen, dining area, and office space. The group is highly supportive of "green architecture" and is committed to the concept of conservation, reuse, recycling and environmentally friendly living. The group has hired well-known green building consultant Mark Kelly, who worked on Erie Ellington and Cambridge Co-housing, two noteworthy projects that consume 50%-60% less energy and water than conventionally constructed developments.

Aspects of "green" development currently proposed by JPCH include numerous energy and water saving measures, a strong recycling/composting program, and other environmental measures designed to conserve resources. The Proponents' goal is to use only 30% of the energy utilized in the running of a conventional home. Specific measures proposed by the Group are discussed in the following sections.

#### Energy and Water Saving Measures:

- Clustered buildings to reduce heat-loss and heat-gain; well-placed windows to provide lighting to units;
- Passive solar and high insulation in the walls, roof and foundation to maintain units temperature;
- Tight weatherization to minimize air leakage;
- Mechanical ventilation to ensure a healthy air environment in the units;
- Boiler/baseboard heating system with highly efficient gas furnace;
- Structure design that encourages natural ventilation and eliminates the need for air conditioning;
- Multiple heating zones in the units to allow for conservation;
- Fluorescent lights in all units and common areas;
- Energy Star appliances as standard for units and the Common House;
- Water-saving measures for irrigation; and
- Water-saving fixtures on all faucets, showers and toilets (beyond the minimum code requirements)