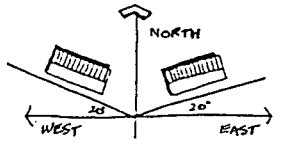
ENERGY CONSERVATION PLAN

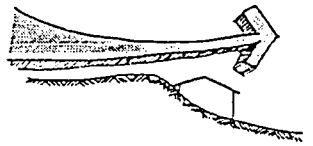
Both Bally and Bechtelsville recognize the need to conserve energy and preserve non-renewable resources. The two boroughs should encourage subdividers and other developers to utilize the following techniques:

- Site homes on an east-west axis to maximize solar access and minimize heating costs.
- Use landforms such as steep slopes to deflect winter winds.
- Site homes on south and southeast facing slopes to maximize solar heating.
- Orient unheated buildings to buffer heated buildings from winter winds.
- Use darker colors to absorb more radiant energy from the sun.
- Use overhangs for shade control.
- Favor deciduous trees over conifers to provide more shade in summer and more sun in winter. Use conifers instead in areas where winter winds should be buffered.

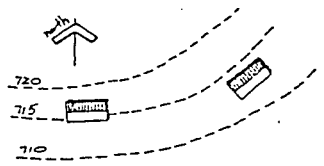
These techniques respect the two basic principles of energy conservation: proper orientation to the sun and protection from the extremes of summer and winter weather. Municipal officials in both Bally and Bechtelsville can save energy by monitoring borough operations. Use of heating, ventilating, lighting and air conditioning should be energy-efficient at all borough property. Fuel conservation practices should be observed when operating municipal vehicles.



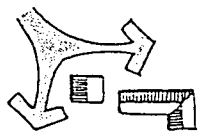
Site buildings on an east-west axis.



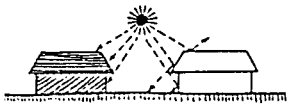
Use landforms to deflect winter winds.



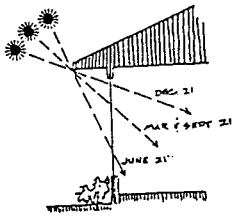
Site buildings on south and southeast facing slopes.



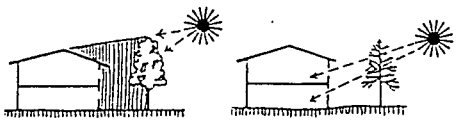
Use unheated buildings to buffer heated buildings from winter winds.



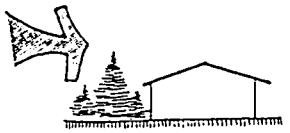
Use darker colors to absorb more radiant energy from the sun.



Use overhangs for shade control.



Deciduous trees provide shade in summer and sun in winter.



Use coniferous trees to buffer winter winds.