#### **BROADLANDS**

### Modifications Subcommittee Design Guidelines

### **Solar Collectors**

#### General Considerations

The design, color, configuration, and location of the proposed solar collectors must be compatible with the architecture of the house.

No application is required for the replacement of existing approved solar collectors of a similar size and appearance in the currently approved location.

# Specific Guidelines

- These installations shall be reviewed on a case-by-case basis.
- Solar collectors shall have a low profile and be parallel with the roof ridge and edges.
- All framing, piping, control devices and wiring on the roof must be painted a dark color or the color of the roof. All piping and conduit on the side of the home to the inverter box must match the siding or trim or use a white color.
- Roof mounted solar arrays are preferred. If ground mounted solar collectors are
  proposed they should be as small as possible, located in rear or side yards and
  screened from neighboring properties by landscaping.

## Submission Requirements

- Signed and dated application form.
- Brief description of the project.
- A copy of the property plat showing the house and any exterior accessory structures, significant vegetation, and property lines. The location of the proposed solar collectors must be drawn on the property plat.
- A drawing or photographs showing the proposed location of the solar collectors and description of any visible auxiliary equipment including inverter box and conduit.
- A drawing or photograph of the side of the house showing the conduit routing from the inverter box to the side trim of the house to the roof line.
- Color of the conduit.
- Catalogue photographs or manufacturer's "cut sheets" of all components including dimensions, colors, materials, inverter box etc. that will be visible on the exterior of the house.
- Plans of proposed landscaping or screening for ground-mounted collectors.