



## **POLYCARBONATE ROOFING PANELS SUBMITTAL REQUIREMENTS**

- ☐ Polycarbonate roof panels shall be limited to pergola structures only.
- ☐ Polycarbonate roof panels shall be **clear**, with a Light Transmission greater than 70% {LT > 70%}.
- ☐ Polycarbonate roof panels must be UV protected.
- ☐ Polycarbonate roof panels shall have a minimum 10-year material warranty.
- ☐ Minimum roof pitch shall be used to reduce the amount of panel visibility.
- ☐ Pergola framing shall maintain a minimum 50% open framing.
- ☐ The polycarbonate roof panel manufacturer's specifications must be provided to verify compliance with these guidelines.
- ☐ Large-scale architectural details must be provided of all edge conditions of the pergola in addition to the general submittal requirements for pergolas. Page 12 of 102 of the Modification Design Guidelines
- ☐ The polycarbonate roof panel manufacturer's recommendations, including accessories, should be followed for a complete installation.
- ☐ The panels must be sheets (i.e., flat panel profiles). Flat panels will require a connection system (gaskets) to cover the joints and secure the panels. These gaskets should be watertight with concealed fasteners.

- ☐ Minimum three (3) inch gap or a gutter required between the polycarbonate and the cedar wood trim on the front of the arbor/pergola for drainage.
- ☐ Cedar wood trim must be placed all around the pergola.
- ☐ The thickness of the panel will be dictated by the span between supports; however, a minimum panel thickness of 5/16-inch (8 mm) is required.