



**SEPTEMBER 2009**

**BULLFROG POWERED!**

SOLARES CELEBRATES ITS 3 YEAR ANNIVERSARY BY CHOOSING LOW IMPACT RENEWABLE ELECTRICITY TO POWER OUR OFFICE

[WWW.BULLFROGPOWER.COM](http://WWW.BULLFROGPOWER.COM)

**UPCOMING WORKSHOPS**

SENIOR DESIGNER MELANIE SCOTT WILL BE HOSTING TWO GREEN MATERIALS WORKSHOPS THIS FALL

**IIDEX NEOCON CANADA**

THE DIRECT ENERGY CENTRE  
EXHIBITION PLACE

THURSDAY SEPTEMBER 25TH  
11:45AM - 12:45PM

[WWW.IIDEXNEOCONCANADA.COM](http://WWW.IIDEXNEOCONCANADA.COM)

*\*NOTE THIS IS A TRADE ONLY WORKSHOP*

**TORONTO FALL HOME SHOW**

THE BETTER LIVING CENTRE  
EXHIBITION PLACE

THURSDAY OCTOBER 1ST  
1:00PM - 2:00PM

[WWW.FALLHOMESHOW.COM](http://WWW.FALLHOMESHOW.COM)

**THE COUNTY TRAIL HOUSE  
PICTON ON**

When Peggy and Duncan Payne decided to move away from the hustle and bustle of Toronto life, they chose Prince Edward County as their refuge. Attracted to the tranquil pace of country living, the Paynes purchased a 2-acre parcel of land adjacent to the Millennium walking trail north of Picton. The Paynes wanted their new home to be “as green as possible” and to serve as a model for future development in the popular County. To help them realise their dream, they hired Solares to design their new Environmentally Integrated Home™.

Designer Christine Lolley chose to keep the profile of the home low so that it nestles gently into the pastoral landscape. Carefully placed windows on all sides of the home dramatically frame views of the surrounding countryside. The entrance to the home is formed by a breezeway which doubles as a screen porch. A central corridor, lit from above by clerestory windows, forms the spine of the building. This soaring space houses the Paynes’ extensive library and art collection and terminates in a tall expanse of glass that outlines a grove of Black Walnut trees on the eastern edge of the property.

The home is sited and designed for optimum passive solar orientation. Large south facing windows encourage passive heating in the winter, while a deep roof overhang keeps the house cool in the summer. The reinforced concrete structure is built using Durisol blocks, which provide thermal mass. The high-performance envelope is composed of triple-glazed windows, spray foam insulation and durable steel siding. Solar hot water panels supply domestic hot water and a pre-heat option for the in-floor heating system.

Construction of the home was complete in April 2009 and the Paynes enjoyed their first summer in their new Environmentally Integrated Home. Solares is proud to add the County Trail House to our roster of successful projects.

*“We love the house. The design works and it has a good feel. We are well pleased and cannot believe it is ours. Hats off to you!”*

*- Peggy and Duncan Payne, July 2009*

**SOLARES DESIGN BUILD**

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