



Private Residence

Vermont, USA
2002

**Hirschmann Western Cedar
Windows and Doors**

5 window walls made up of 32 individual
fixed and operable elements
8 individual fixed and operable windows
3 door units

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A first glance at the architectural plans for the addition to this private residence revealed daunting site conditions and a design that would test standards to the limit. Three stories high in some places, and built on a steep rock ledge facing a lake, the home called for a schedule of impressively large window walls — walls that featured floor to ceiling glass in as small a frame as possible with a mix of fixed and operable elements.

To realize the design, H. Hirschmann LTD devised a consistent, yet configurable solution that could be applied across several different window wall arrangements. The end product looks like a single entity, but the units were actually assembled and direct-glazed on site. Cranes were used to move the large glass panels (some spanning over 70 square feet and weighing more than 500 pounds) to their respective jambs.

The finished home has a very natural look to it that understates the effort. Hirschmann's philosophy that straightforward, time-honored building techniques will solve most any design or technical problem — even in unorthodox field situations — was key to a successful outcome.