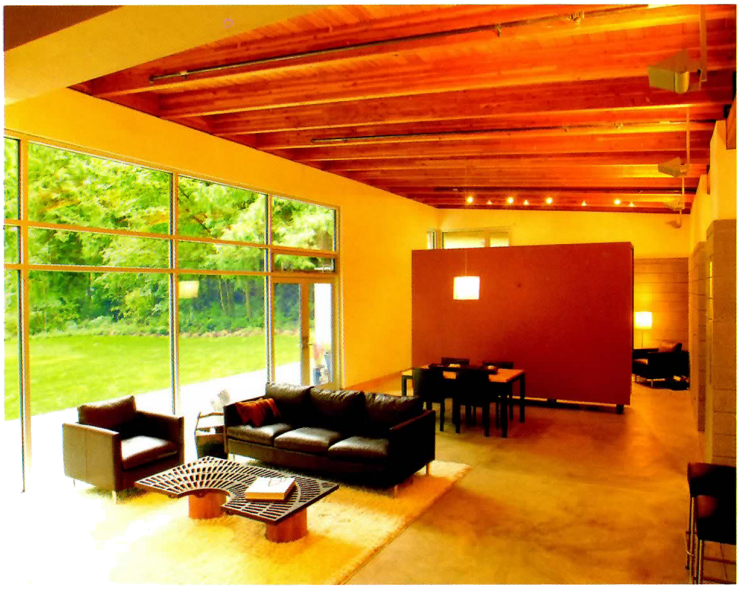
GREEN HOMES

DWELLINGS FOR THE 21ST CENTURY

E. Ashley Rooney
With David Hartke and John C. McConnell

Schiffer

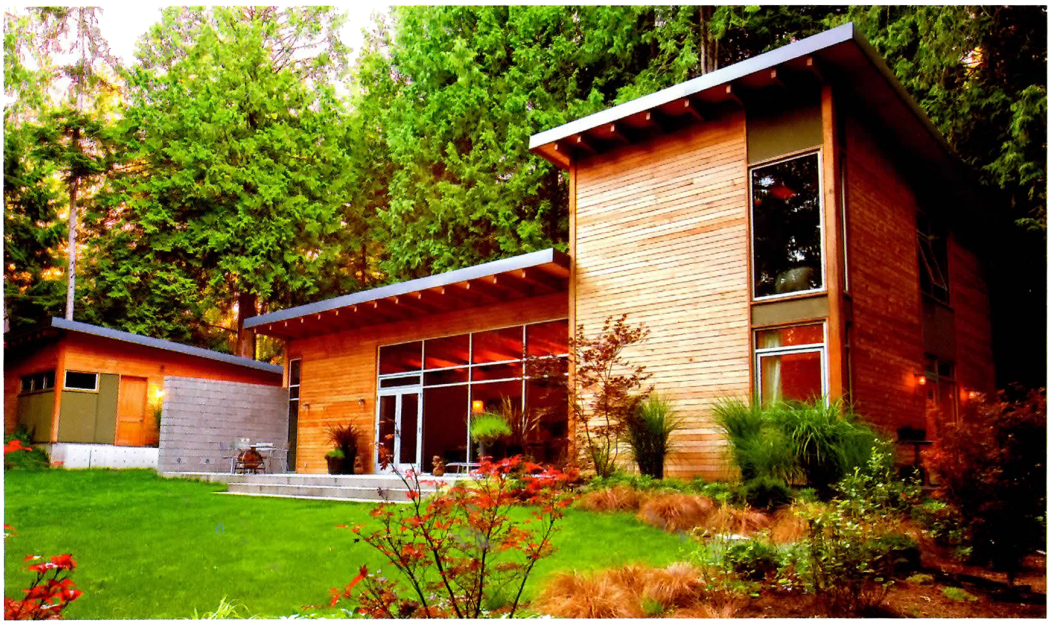
Point White Residence



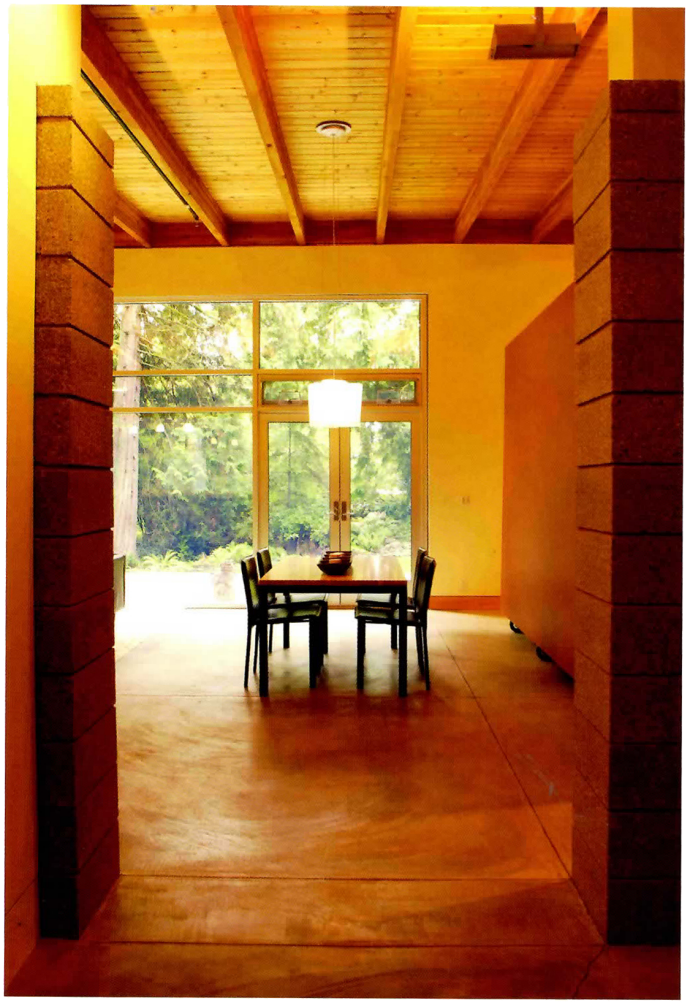
Generous window openings, along with surfaces that extend outdoors, allow the occupants to feel that they are at home amid the surrounding ninety-year-old cedars. In the background, the moveable storage wall acts to create a backdrop for the dining table and separates the main living spaces from a semi-private studio/library – while providing substantial internal storage on a rolling chassis! *Courtesy of Juan Hernandez*

Notice the trees to the left? In keeping with the principles of green architecture, the owners milled and dried on location the entire exterior siding and trim for the house. *photos by j. nichole. com*

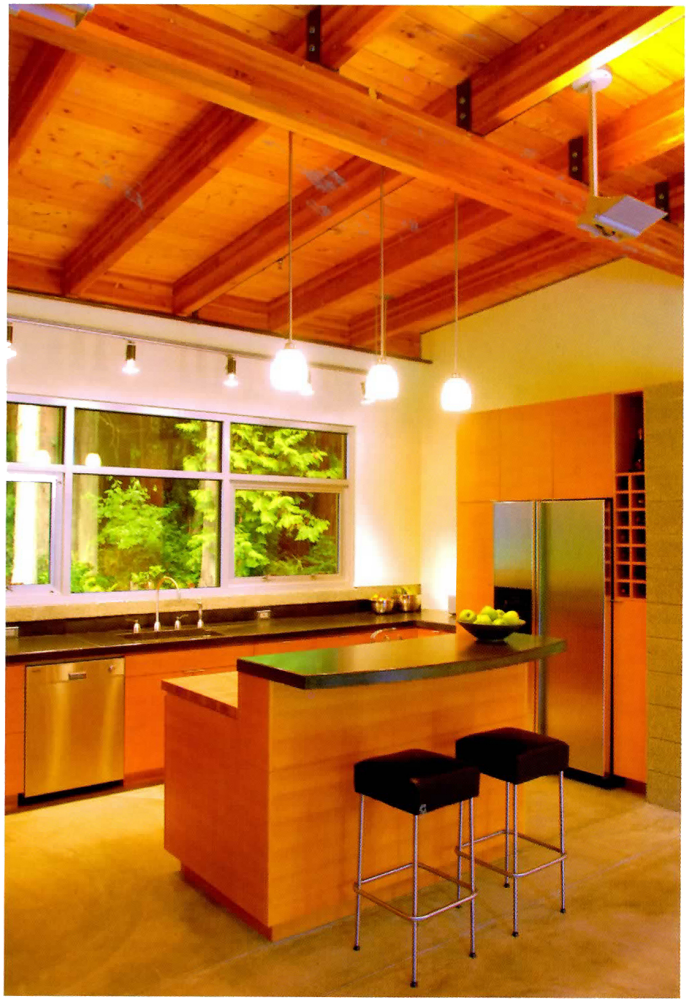
Coates used ground-face concrete masonry units to shape the entry enclosure. They also add thermal mass, which helps to keep temperatures stabilized throughout the day. *photos by j. nichole. com*



Coates Design Architects oriented this site-sensitive house to make use of passive solar design. Its thick masonry walls function as thermal collectors to help stabilize temperatures. *photos by j. nichole. com*

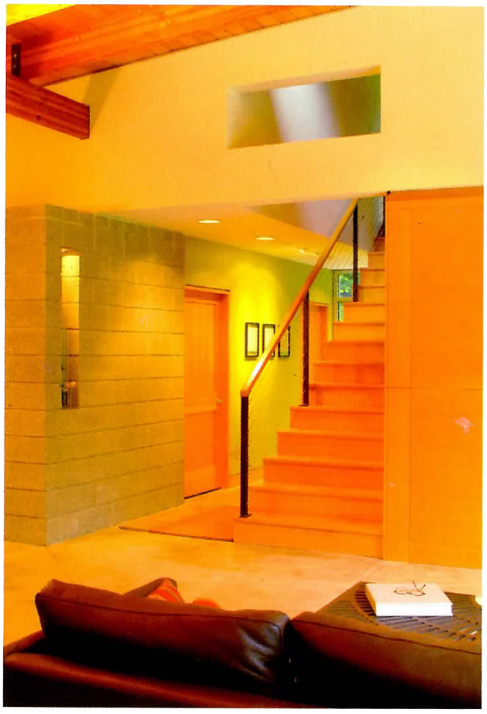


The low maintenance concrete floor allows the structural slab to double as the finish floor. Hydronic radiant tubes in the slab heat the house. This thermal mass keeps temperatures in the house stabilized throughout the day. *Courtesy of Juan Hernandez*



The exposed structure of the room results in less drywall and maintenance- intensive finishes. Water- and energy efficient appliances, a light dimming system, and hydronic heating are some of the sustainable features of the house. The owners poured their own concrete countertops, another sustainable element.

The up-lights give a pleasing quality of light as it is reflected from the wood ceiling. The light is warmed and bounced evenly in the living space, making it easier on the eyes and creating a sense of coziness. *Courtesy of Juan Hernandez*



The wall opening provides glimpses to the trees outside at the top of the stairs and also improves communication between people within the house. No longer does one person have to shout down the stairs to another! *Courtesy of Juan Hernandez*

Regionally Sourced Materials. Sustainable design minimizes importation of goods and energy and works in harmony with the natural features and resources surrounding the proposed site. It uses renewable indigenous building materials where feasible.