

## Broadwater II, Arnold, Maryland *Architectural Series (Pinnacle 350)*



### CHALLENGES:

Broadwater II was part of a larger compound of cottage style houses on the neck of the Magothy River.

"It was important to blend the architectural aesthetics and detailing with the established cottage style homes in the neighborhood," said architect Scarlett Breeding. "We wanted the new home to flow seamlessly into the garden and its surroundings to maintain a connection with the outdoors." Gables connected each structure, so in order to preserve the purity of the gable forms in the cottage-like structure, a transparent material was needed.



"The home sits on an area surrounded by amazing water views and broad sky so maintaining and accentuating the sky elements of the house was very important," says Breeding. "We wanted to open up the upper levels of the structure and extend the feeling of the room right up to the sky."

### SOLUTION:

Utilizing Wasco's Architectural Series, the architects designed seven custom Pinnacle 350 Structural Ridge skylights with Low E glass to create the uplifting feeling. "We also wanted the skylight frame to be flush with the roof surface to preserve the beautiful sight lines" said Breeding, "Wasco's engineering department worked closely with us to sink the skylight structure into the roofline and create a custom gutter system. They were great partners and the owner is ecstatically happy!"



*Structural ridge skylights extend the feeling of the room up to the sky. The gable forms connect each section and blend with the existing cottage-style homes in the neighborhood.*

Even with the modern design and all the glass, the house creates a feeling that's warm, friendly and inviting.

## Specifications:

Seven Pinnacle 350 Structural Ridges installed in a silver copper roof:

- (1) 7' 3" x 17' 0"
- (1) 7' 3" x 15' 4"
- (2) 7' 3" x 11' 3"
- (3) 10' 4" x 10' 7"

13/12 pitch, 1 $\frac{3}{16}$ " insulated glass,  $\frac{1}{4}$ " Clear Tempered Solarban 60(2) over  $\frac{7}{16}$ " H.S. Clear Laminated.

Frame Finish: Kynar 500 Bengel Silver 49/9999  
LT 281835. Certain closures are Kynar 500 Bone White UC 43350.



*There are no steps. The house sits on thermalized plinth stone inside and out so it's warm underfoot inside and melts the snow outside.*

## Alt Breeding Schwarz

ARCHITECTS



John Alt and Scarlett Breeding opened their architectural practice in 1987 with the goal of providing a new level of distinctive residential and commercial design services in the Chesapeake Bay region. Jay Schwarz, a practicing architect in the Annapolis-Baltimore area since 1978, joined the firm in 1997. Since the merger, they have completed over \$900 million in new construction and adaptive re-use projects which have received numerous design awards and recognition. Backed by a talented staff of eleven architects, interior and kitchen designers, each principal contributes a unique and special set of skills, resulting in a surprising range of design solutions and project services. Jay is a leading expert in guiding projects through the often difficult process of permits and approvals, and is lead principal for commercial project construction documents, LEED certifications, and large-building construction management. John is the concept designer for many projects in their formative stages, and also takes the lead on large-scale planning efforts. Scarlett is the principal-in-charge for residential, interior design, kitchens, custom cabinetwork, and commercial interiors. Under her leadership, ABS has become one of the most highly regarded—and comprehensive—residential design services on the East Coast.

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