

Architectural Showcase 29[®]

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ENERGIZING a New Jersey Manor WITH ELEGANCE



COMBINING TRADITIONAL LOOKS WITH MODERN EFFICIENCY

DESIGN CHALLENGE

At first glance, or perhaps even the second or third, it's hard to imagine that the impetus for a graceful 16,000 square foot new private residence designed by Katz/Novoa Architects of Millburn, New Jersey, was their client's desire for a larger garage.

"This whole project began because the father and son have a collection of antique cars that really are a labor of love," said architect Ileana Martin-Novoa. "By wrapping the garage bays around a courtyard, we provided all of the work and storage space they wanted, and allowed the garage to seamlessly flow into the design of the home."

The result is a spectacular manor that reflects both the architects' and homeowners' unerring sense of proper scale and authentic details. "We recommended Weather Shield® windows and doors because they could supply the sizes, shapes and styles that provide unique focal points found in each room," said Martin-Novoa. "Plus, they met all of the criteria that contributed to make it efficient to heat and cool a home of this size."

With a geo-thermal heating system and products specified to meet energy conservation guidelines, the



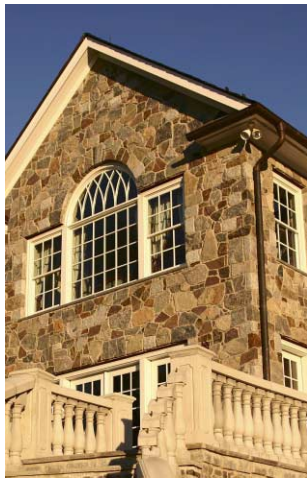
home is as energy-efficient as it is elegant. " Because homeowners in this area are eligible for rebates from utility companies, we always attempt to comply with the guidelines," Martin-Novoa continued. "With Weather Shield, that was easily accomplished without sacrificing the appearance and characteristics that make the windows and doors such a beautiful fit for this home."



*"The windows and doors had to combine **traditional details with state-of-the-art energy efficiency and low maintenance.** We wanted divided lite grilles as well as Insul Low E2 glazing. And to protect the all-wood exteriors, a poly finish was chosen for the exterior. We found that **Weather Shield could easily supply everything** we were looking for."*

Architect - **Ileana Martin-Novoa**, Partner
KATZ/NOVOA, ARCHITECTS Millburn, New Jersey

DESIGN SOLUTION



"This is the third or fourth home that our clients have built, and they had a very specific sense about what they wanted. They did a tremendous amount of research on every product used in the home's design. When they compared features and options that other window companies have to offer, Weather Shield was an easy choice for them."



Architect
Ileana Martin-Novoa
Partner
KATZ/NOVOA,
ARCHITECTS
Millburn, New Jersey

"The biggest challenge we faced was situating the house properly on the site," said Martin-Novoa. "While the property is proportionately long and narrow, the home is very wide, and had to be oriented along the narrow axis in order to maximize the views, solar exposure and topographic characteristics of the site."

To take full advantage of the view of the hills, valleys and pool that the home overlooks, large combinations of Weather Shield windows and French patio doors were installed on the rear facade. On the front of the home, gothic windows add a distinctive touch and provide views of the pond and wetlands area on the property.

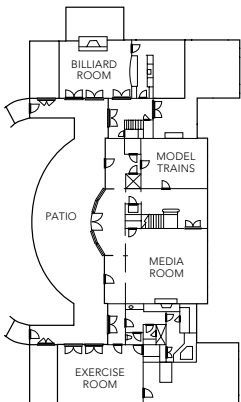
"We had to comply with the Department of Environmental Conservation requirements for wetlands and watershed protection, and needed a variance from the local zoning board of appeals to properly site the home," Martin-Novoa recalled. "There was a house here previously that faced the other way, with the front facade offering views of the valley. But since the rooms that are used most are at the rear of this home, we changed the orientation around."

With sunlight pouring inside, and miles of rolling countryside beautifully framed outside through Weather Shield windows and doors, the home that Martin-Novoa designed is the picture of old world craftsmanship with all of the conveniences discerning homeowners demand today.

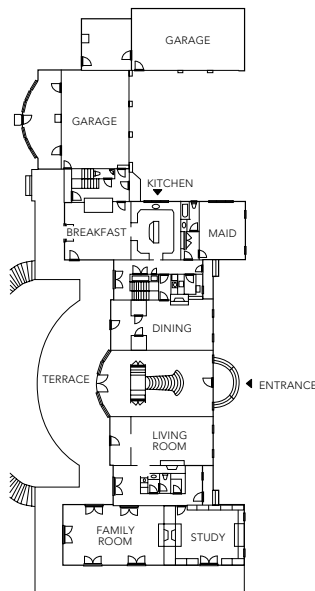


"Our business is heavily concentrated on upper-end custom residential construction. Because the homeowners we build for can be very demanding, we have to deliver on every promise we make. **When we recommend a product or supplier, it's our reputation on the line as well.** We rely on Tower Windows, our local Weather Shield dealer, to provide excellent products and service. There's never been any question about their dedication and effort in helping us satisfy our clients."

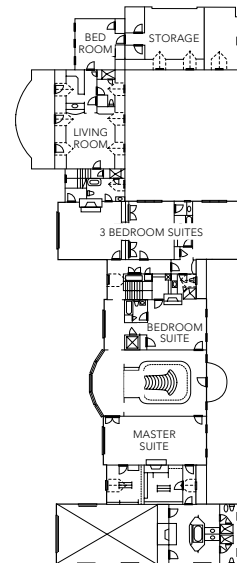
Contractor - **Barry Salmon**, President
BDS CONSTRUCTION Chester, New Jersey



LOWER LEVEL



ENTRY LEVEL



UPPER LEVEL





Since opening in 1988, the firm of Katz/Novoa Architects has built a loyal clientele base by providing meticulous attention to detail on renovations and new construction for custom-built residences, offices, churches and synagogues.

From left to right: **Jonathan Katz** and **Ileana Martin-Novoa**, Katz-Novoa Architects; **Jules Rakus**, Tower Windows and Doors; **Barry Salmon**, BDS Construction.

Weather Shield Window products used for this project

<p>Awning 1 — 11-36 x 36</p> <p>Casement 8 — 11-28 x 68</p> <p>Tilt 1 — 11-28 x 16 1 — 11-28 x 24 5 — 11-28 x 28 5 — 11-32 x 24 13 — 11-32 x 28 8 — 11-32 x 36 4 — 21-32 x 28 2 — 31-28 x 28 1 — 31-28 x 36 2 — 31-32 x 28</p>	<p>Tilt Oriel Roundtop 19 — RO 38-5/16 x 33-3/4</p> <p>Tilt Stat Picture 2 — 11-68-1/2 x 58</p> <p>Direct-Set Oval 7 — 24 x 36 jb-jb</p> <p>Direct-Set Half Circle 4 — 37-5/8 jb-jb 2 — 73-5/16 jb-jb</p>
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Weather Shield Door products used for this project

<p>French Door 4 — 11-2-8 x 6-10 9 — 11-3-0 x 6-10 4 — 11-2-8 x 8-0 18 — 11-3-0 x 8-0 1 — 21-5-4 x 6-10 6 — 21-6-0 x 6-10 1 — 21-5-4 x 8-0 38 — 21-6-0 x 8-0</p>

Product options used for Weather Shield Windows

*White Poly Complete Exterior
Cherry Interior
Divided Lite Poly I
Low-E Insul
Goldtone Hardware
Washington "K" Style Exterior Trim*

Product options used for Weather Shield Doors

*White Poly Complete Exterior
3/4" Low-E Insul
7/8" Simulated Divided Lite
Anodized Rectangular Grille in Airspace
Brass PVD 3-Point Lockset
Washington "K" Style Exterior Trim*

For more information and to take a virtual tour of this home, visit the Architect's Corner of the Weather Shield Web site, weathershield.com.



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