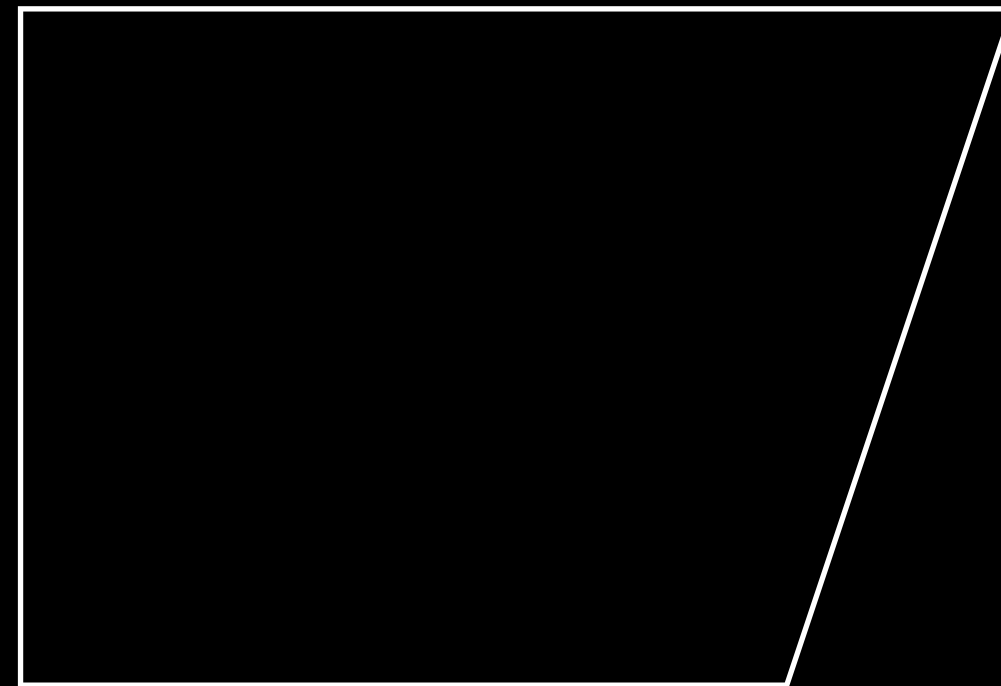
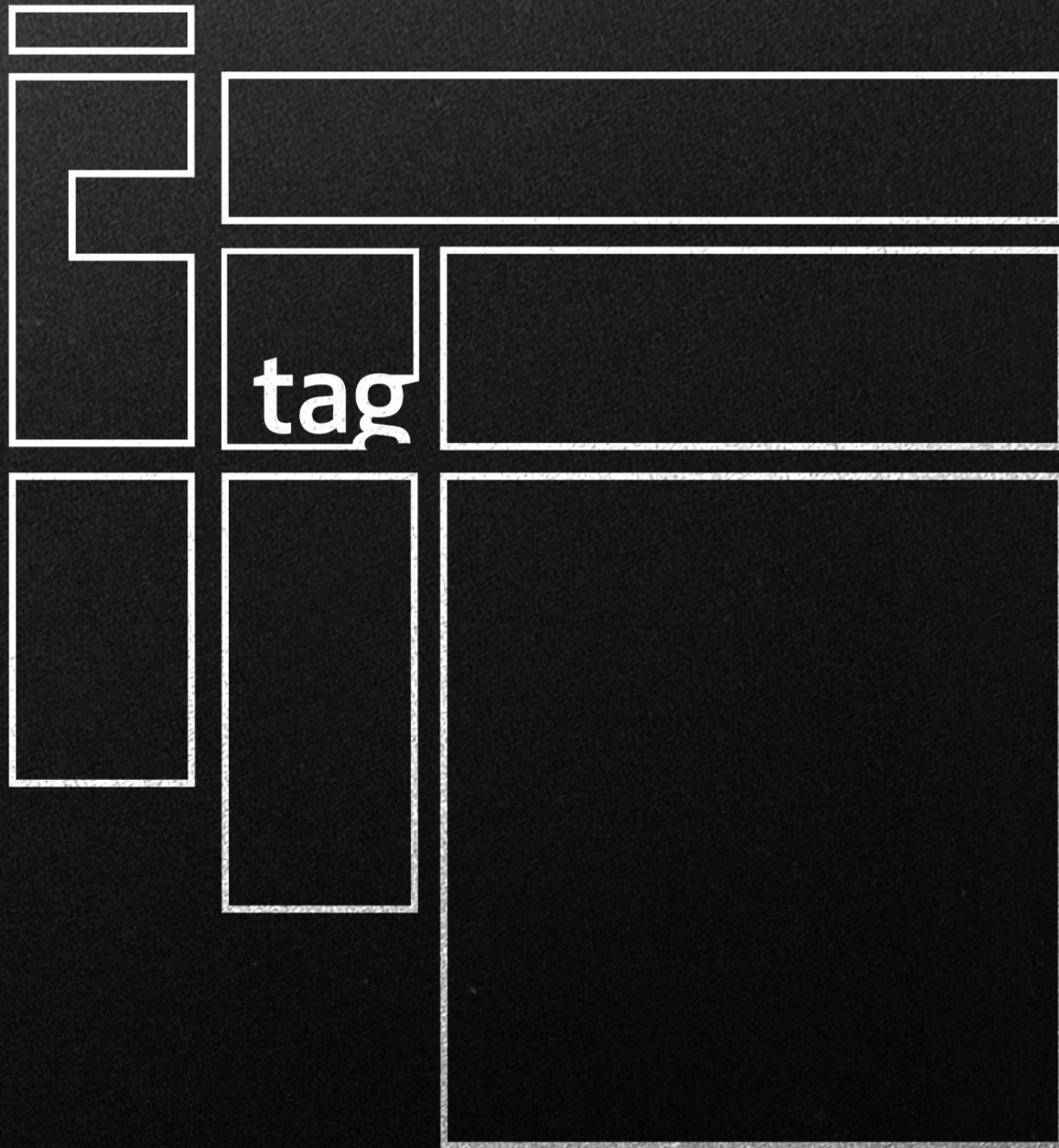



The logo consists of the lowercase letters 'tag' in a bold, sans-serif font, colored in a bright yellow-green. The text is positioned inside a square frame of the same color. The frame is open on the right side, with the letters 'tag' extending slightly beyond the right edge of the square.

tag



thermal aluminum & glass



GLAZING FOR CANADA'S BEST HOME DESIGNS

Thermal Aluminum and Glass has been shifting the limits for what designs are possible to materialize since 2009. Today, we install more high performance aluminum windows and doors in Alberta luxury homes than anyone else.



WE KNOW CANADA

Our suppliers go to great lengths to make the best glazing products in the world. TAG continues this trend installing products in such a way so that they perform optimally in Canadian climate. Our installation methods work for the extreme temperatures and are engineer approved to maintain full warranty.

ULTRA-EFFICIENCY

When installing the most energy-efficient aluminum windows and doors, we consider every element that reduces cold transfer: ultramodern window frames with multilevel thermal breaks, gas filled glazing, spectrally selective glass coatings, top quality hardware, and warm-edge spacers — all to minimize the amount of energy required for keeping indoor temperatures constant as seasons change.





UNOBSTRUCTED VIEW

The natural strength of aluminum gives us design freedom not possible with other substrates; especially with current NAFS building codes. Optional steel reinforcing in the hollow of the aluminum allows our windows to reach unprecedented dimensions; such as a previously installed 26' tall feature window.



THE GOOD FEELING OF PRESERVING THE FORESTS

Aluminum is a plentiful, highly recyclable material. When used in glazing, it's superior to wood in many aspects. It's stronger, has stable dimensions, withstands the elements better, lasts longer, and requires no maintenance. But most importantly, it prevents excessive deforestation. Available non-VOC powder coatings and natural anodic finishes make our products good for the health, too.



THE VERY BEST GLAZING FOR TODAY AND FOR THE FUTURE

No other fenestration products will stand the test of time better and will preserve your design for longer. Thanks to the use of the industry's most progressive materials, our products require the least amount of maintenance and are made to look just like the day they were installed for decades. With factory pre-finished coatings, a simple cleaning is all the maintenance required.

TILT-N-TURN WINDOWS

A special touch of the Old World's chic — premium tilt-n-turns come direct from our European supplier with a long history in the business. The result uncompromisingly satisfies all requirements of Canada's most demanding projects for build quality, panel dimensions and thermal performance (U-value as low as 1.2 W/m²K).





CRANK OUT WINDOWS

Available as top hung project out (awning), or side hung project out (casement), crank out windows are the go to North American standard. Available in double and triple glazing, swing out windows optimize interior design choices for blinds or curtains by not impeding the operation.

SWING DOORS

We've partnered with the maker of some of the best aluminum swing doors in existence. Through the use of their proprietary technologies, we are able to meet the strictest requirements of the Canadian winters. The system comes standard with multi-point hardware and optional longer exterior ladder pulls. Capabilities for both concealed and butt hinges.





CURTAINWALL

Our high performance curtainwall eliminates cold bridges through the use of true thermal breaks. Available steel reinforcing maximizes the glazing and minimizes the frame mullions. Any combination of swing doors, venting windows, folding doors or multi-slide doors can be installed into the curtainwall framing. Design possibilities are endless.

PATIO DOORS FOR AESTHETIC FUNCTIONALITY

Concept Patio® 130 allows large sliding doors with minimal visible elements and maximal thermal performance. The operating panels can be up to 108" tall, weights up to 600 lbs with U-values possible to 1.48 W/m²K. Turn the handle 180 degrees — and the sliding door lifts up effortlessly on Swiss bearing rollers. Turn the handle back, and the panel eases down from the weight of itself sealing efficiently in Canadian winters. For maximum design flexibility, the system is available in monorail, fixed sash or multi-slide variants up to eight panels with a variety of opening possibilities.

Concept Patio® is a registered trademark of Reynaers Aluminum.





PATIO DOORS FOR SOPHISTICATED QUALITY AND INSULATION

To provide extra room for design freedom, Concept Patio® 155 uses an original frame structure which allows larger panel dimensions (up to 144" tall and 800 lbs) without sacrificing thermal performance (U-values as low as 1.59 W/m²K). By focusing on high levels of insulation and comfort in the house, the system achieved the Swiss Minergie® component quality label. The available monorail variant in combination with an aesthetically pleasing minimalistic middle section makes CP 155 perfect for contemporary architecture.

Concept Patio® is a registered trademark of Reynaers Aluminum.

PATIO DOORS FOR THE INFINITE VIEW

The available Hi-Finity® system combines minimal vertical mullions (only 1-3/8" wide) while still achieving maximum structural strength and ultimate thermal performance (panel weight up to 1,200 lb., U-values as low as 1.7). The perimeter frame seamlessly integrates into the final interior and exterior finishes. The structural, laminated sealed unit spans from floor to ceiling and across the entire length of the façade. It even continues around the corner without a fixed corner element. Motorization with automation tie in and touchscreen is also available. This system packs all our cutting-edge technology into the very best patio doors for your home.

Hi-Finity® is a registered trademark of Reynaers Aluminum.





FOLDING DOORS AND WINDOWS

Our high performance folding system combines high insulation and comfort with maximal transparency and aesthetics. Bottom rolling hardware takes the structural requirement off the header. Once the door is in the closed position, the rollers conceal between the panels completely out of sight. Apart from the standard folding elements, this system can feature a main door principle, in which the first leaf is used as an entrance door without affecting the other folding leaves. Both inward and outward opening types are available to meet all possible preferences.

EXCLUSIVE HANDLE SERIES

To give a unique touch of style to our windows and doors that will make their daily use a sheer pleasure, we've brought Purity® handle series to Canada. This series combines next-generation material with timeless, minimal and rational looks from Italian designer Leo De Carlo.

Purity® is a registered trademark of Reynaers Aluminum.

COMES IN YOUR COLOR



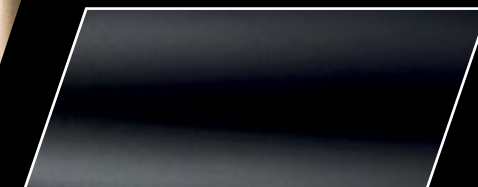
SAPPHIRE BLACK REF: LBMA



MOONLIGHT WHITE REF: WHMA



LITHIUM REF: STST



ECLIPSE REF: BLMA



FINISHES TO COMPLIMENT YOUR DESIGN

Choose from a RAL color fan or various natural anodized tones. Different inner and outer colors are possible. Our most popular choices to highlight the clean lines of aluminum are black anodized and clear anodized.

ADVANCEMENT IN RESIDENTIAL GLAZING Aluminum vs Wood

To challenge the status quo, it takes an aluminum system that's truly superior to wood in all aspects. Our best window frames incorporate high-tech thermal breaks which improve thermal performance to a level comparable with wood (U-value only 1.2 W/m²K). That is while allowing much larger panel dimensions and providing incomparable durability with almost no maintenance required.





OUR ALLEGIANCE

At Thermal Aluminum and Glass, we are driven by passion to the residential market and by our knowledge of it. In everything we do — from drawings to quality assurance, transportation, installation, and support — we are committed to delivering the highest level of customer service, every time.

EXCELLENCE IN EVERYTHING

Thermal Aluminum and Glass is committed to 100% customer satisfaction. We have tried and tested aluminum fenestration products available around the world and have full confidence our products perform superior in Canadian climate. We love working with architects and homeowners to bring your visions to life.





“VILLAGE HOUSE”

Featured in 2016 spring/summer issue of
Best Home Magazine

Architect: Hindle Architects

Builder: Stonewater Homes

Scope of work:

Windows, sliding doors, swing doors, aluminum
fascia, custom flashings, insulated aluminum panels.





“Without a doubt, it’s the go-to luxury glazing for our climate!”



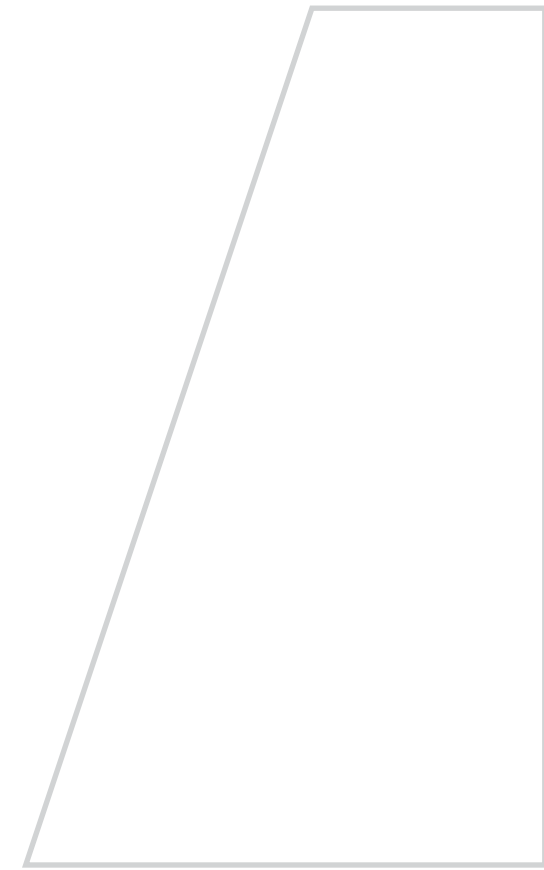
“JUNIPER HOUSE”

Architect: the-mbac

Builder: Meadow Sage Builders

Scope of work: Windows, swing doors, spandrel glass.





"I want the smoothest operation with optimum seals and structural integrity."

“RIVER HOUSE”

Architect:

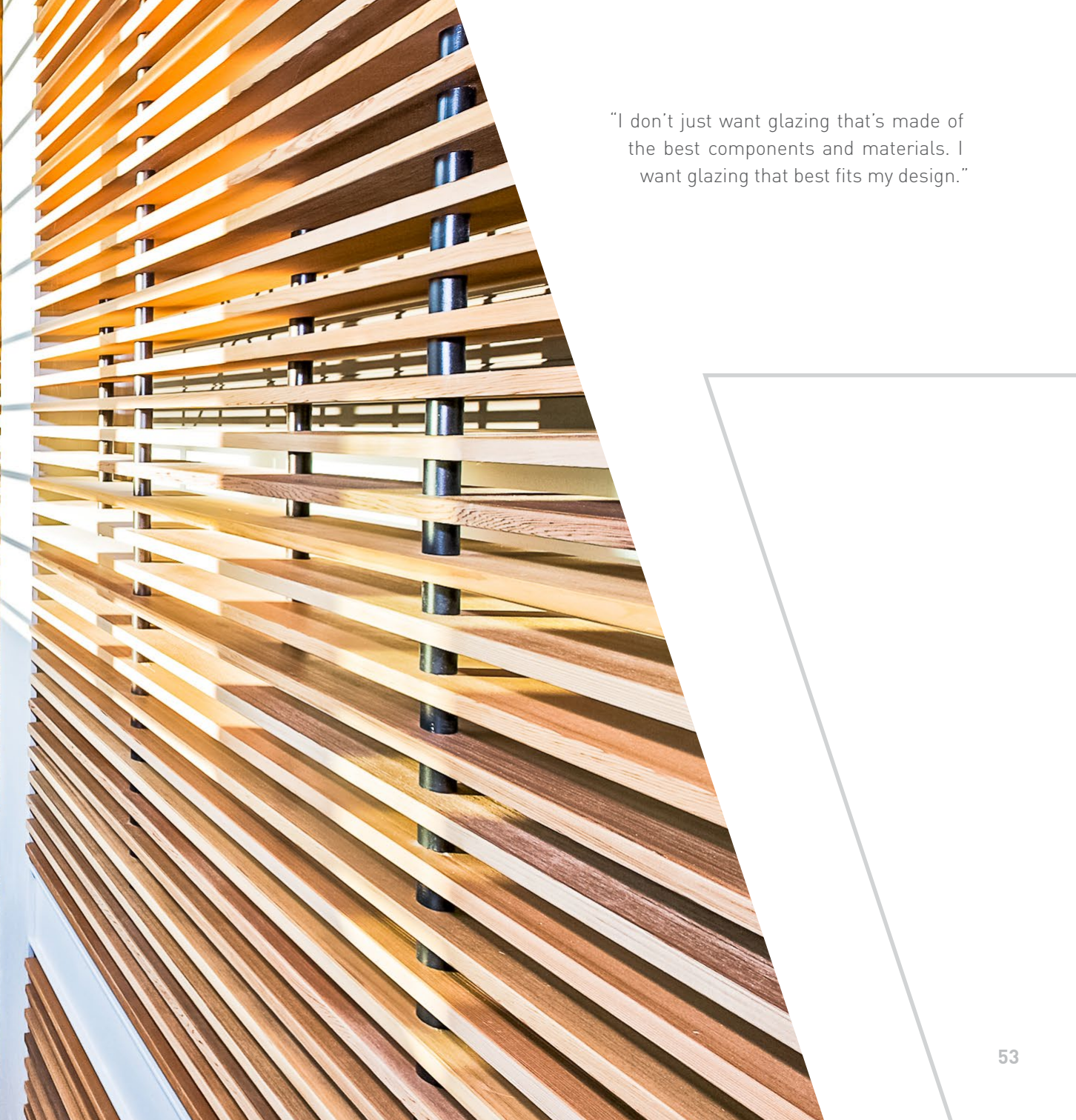
Bohlin Cywinski Jackson

Builder: HR Pacific

Scope of work:

windows, sliding patio doors, aluminum panels, swing doors, wood pivot doors into aluminum frames, glass floors and fire rated aluminum windows.





"I don't just want glazing that's made of the best components and materials. I want glazing that best fits my design."





“HOUSE ON THE HILL”

Featured in October 2015 issue of Western Living Magazine, and www.mountainliving.com titled “A Calgary Overlook with an Innovative Roof”

Architect: Sturgess Architecture
Builder: Warbleton Developments
Scope of work: windows, sliding patio doors, swing doors.



"I want to let the most amount of light in, while consuming the least amount of energy."



“GARDEN RESIDENCE”

Architect: Sturgess Architecture
Scope of work: windows, sliding
doors, swing doors





"I want my living space to be seamless inside to outside."

“RENAISSANCE VELVET HOUSE”

Architect: Inertia

Builder:

Riverview Custom Homes

Scope of Work:

windows, sliding patio doors, swing doors.





"I want my design materialized the best way possible."





“ORCHARD HOUSE”

Architect: the-mbac
Builder: Meadow Sage Builders
Scope of work:
Windows, swings doors, interior glass.



“I believe in spending money on timeless architecture with uncompromising quality.”



“SPIRAL HOUSE”

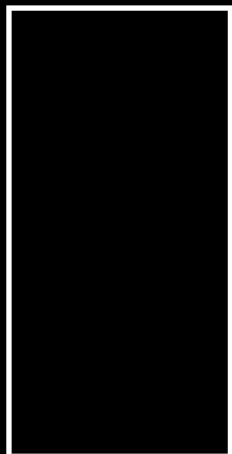
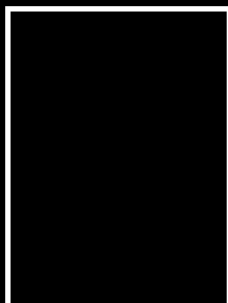
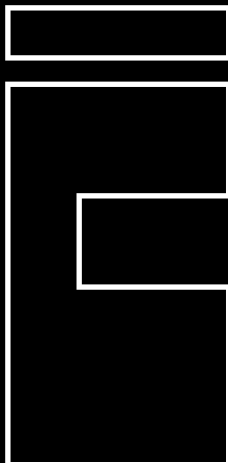
Architect: Sturgess Architecture
Builder: Warbleton Developments
Scope of work:
Windows, sliding patio doors,
swing doors, sunshades, skylight.





"I love the freedom of design thought.
With no limitations on glazing."





thermal aluminum & glass

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Email: info@thermalal.com

Showroom

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