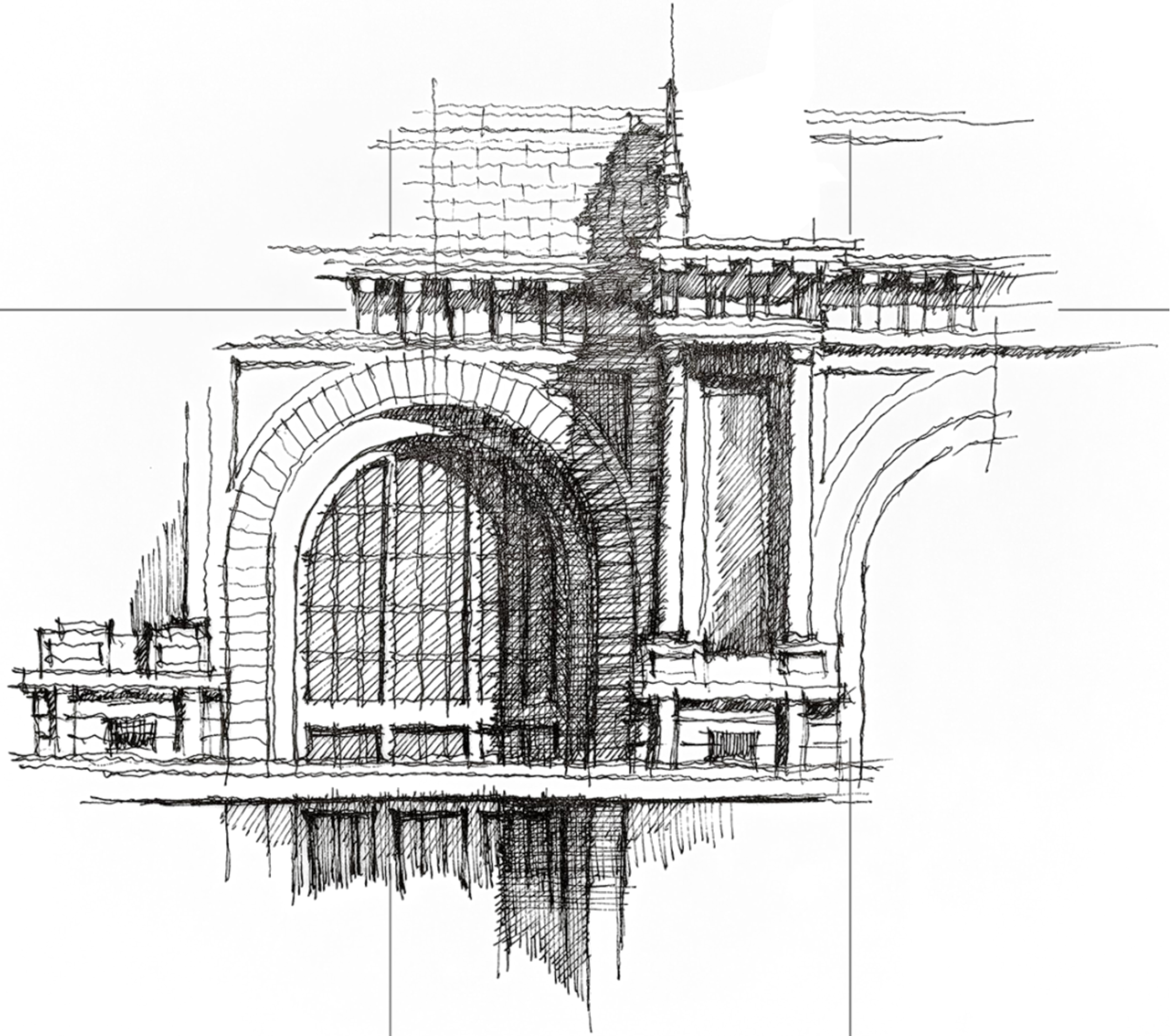


 **VOLTERRA**



Our Solution Partners

ARCHITECTURAL & LUXURY

Aluminium, Aluwood, Stainless Steel
Windows, Doors & Facade Systems

OTTOSTUMM | **mogs**

ALUGOM

 **GUARDIAN[®]
GLASS**

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SWISS TECHNOLOGY, ITALIAN DESIGN





VOLTERRA - SINCE 2005

We As a Volterra, have been working as a manufacturer of thermally insulated Aluminum and aluminum+ Wood, Steel door and window systems, curtain wall facades.



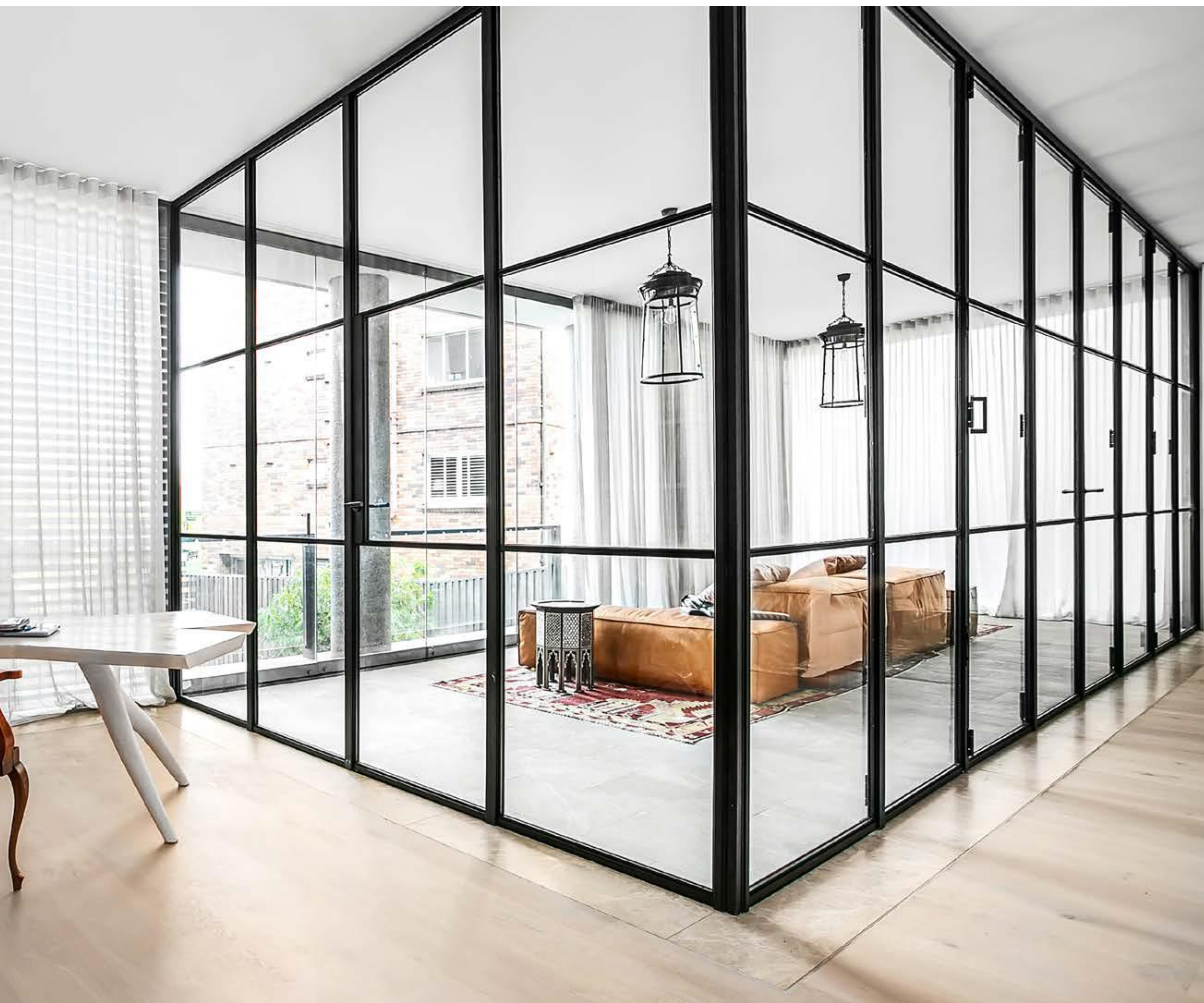
THERMALLY broken Stainless Steel window and door systems



Hot-rolled steel has been used for more than a century for the construction of doors and windows.

The hot-rolling process gives the profiles a very special and unique texture, which amplifies the natural and raw character of steel. Signs of rolling and slight surface imperfections, which architects and designers called “beauty marks”, constitute the distinctive character of this material and make it very popular for profiles of particular slimness and elegance. The corners of windows and doors made from hot rolled steel are always welded.

Depending on the desired visual quality, welds can be either left natural or ground flat. Often welds are emphasized by brushing them to a silver metallic shine or blackened with special patinas.



STEEL WINDOWS SYSTEMS

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DISTINCTIVE METALS

HOT-ROLLED STEEL

Hot-rolled steel has been used for more than a century for the construction of doors and windows. The hot-rolling process gives the profiles a very special and unique texture, which amplifies the natural and raw character of steel. Signs of rolling and slight surface imperfections, which architects and designers called "beauty marks", constitute the distinctive character of this material and make it very popular for profiles of particular slimness and elegance.

COLD FORMED STEEL

Cold-rolled steel profiles - whether bright or galvanized have a uniform texture, which lends itself well to multiple finishes. Light brushing or blackening can be used as an alternative to traditional painting, and allow a high level of customization of the frame. In interior design, the surfaces can be left natural or simply galvanized, to create industrial-style openings. The corners of cold rolled steel doors and windows are always welded. Depending on the desired visual quality, the welds can be grounded flat, left natural or even emphasized by brushing or blackened with special patinas. The Series Ferro Finestra W50 TB and Ferro Finestra W75 TB are cold rolled in high-precision production lines to ensure perfect windows and doors.

STAINLESS STEEL

The technical properties and remarkable resistance over time make stainless steel a very popular material used in construction and architecture since 1920. Its exceptional characteristics allow its use even in areas subject to strong environmental aggression, for roofs, curtain walls, doors and windows of very long duration, in almost total absence of maintenance. Appreciated above all for its metallic sheen, stainless steel allows extreme design freedom in terms of surface finishes, such as "black stainless steel", which can be obtained by applying special patinas on the brushed or sandblasted surface. Thanks to its natural and evocative texture, black stainless steel gives windows and doors an exclusive character. The corners of windows and doors made from cold rolled stainless steel profiles are mainly welded and welds are ground flat and polished. Ferro Finestra W75 TB and Mogs 65 TB is considered as the best stainless steel alloy, AISI 316L stainless steel, containing the largest amount of molybdenum. AISI 316L is normally called "marine steel" because it is able to resist corrosion even in a highly salty environment.



COLOR COATED STEEL

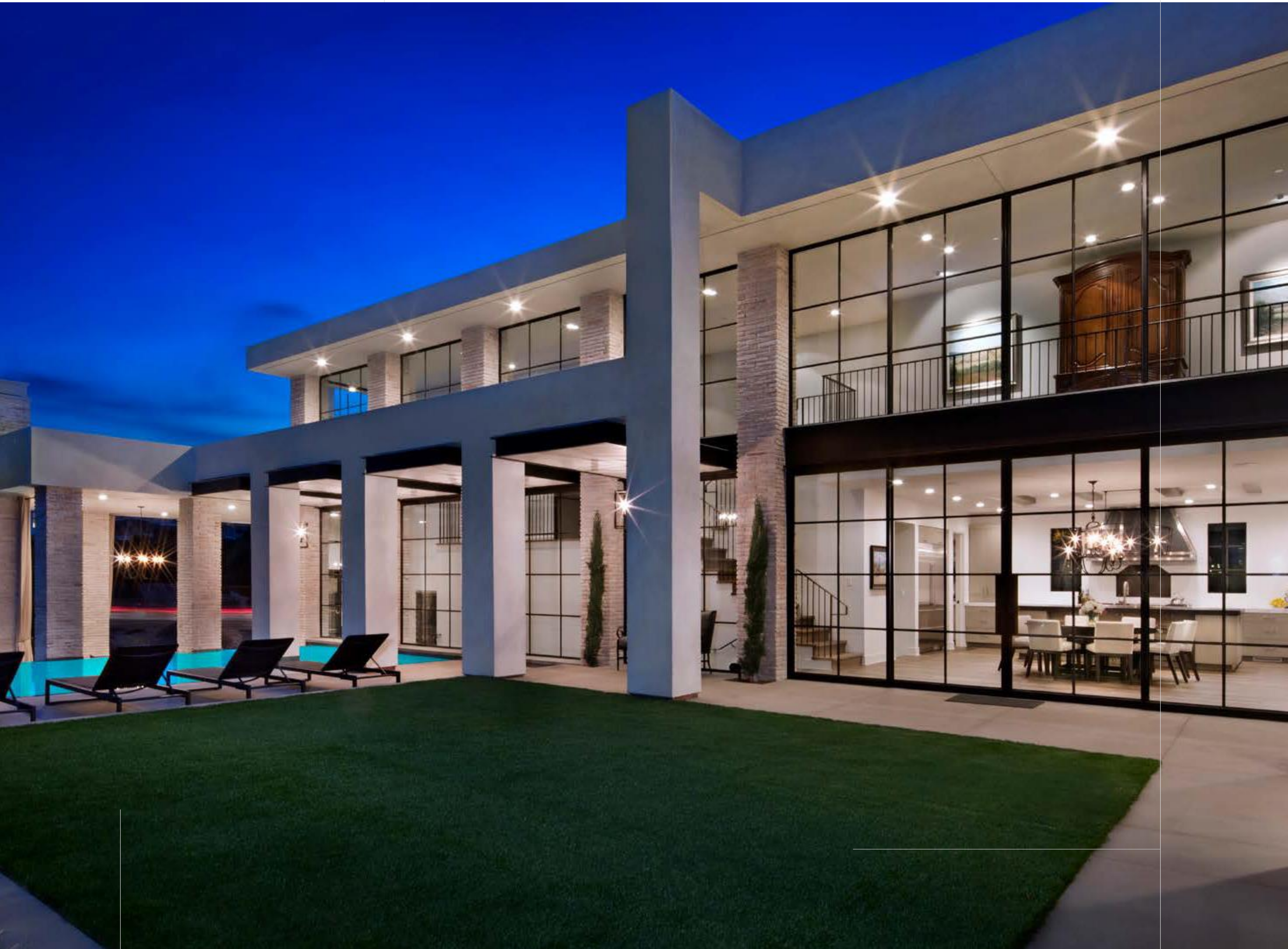
Coating steel, including stainless steel, has a dual function. From a technical point of view it further increases the material's resistance to corrosion, while from a design point of view it allows enormous freedom of choice, enabling the design of the frames to be personalised and fully respond to the architectural style. From the classic black and white colours to the most original and material textures, steel painted in this way combines the refined slenderness of steel profiles with the extraordinary physical and mechanical performance of the material.

COR-TEN STEEL

Cor-Ten is a material of great scenic effect and extraordinary elegance. In recent years, it has become a very popular material for windows and doors, both for restoration and for new buildings. Cor-Ten is a natural, living material that takes on different and unique shades over time and through exposure to the elements. The natural oxidation process can also be controlled chemically, with procedures that reduce natural "bleeding". In order to contain these phenomena, however, it is advisable to plan periodic treatments with applications of suitable waxes or oils. The corners of the frames are suitably welded, and the welding mark can be left natural or ground flat.

STAINLESS STEEL

A noble, ancient and prestigious metal, bronze has always been a favourite material for architects because of its aesthetic characteristics and uniqueness. Architectural bronze is a living, changing material, subject to natural oxidation or weathering that gives it warm tones and variegated nuances, ranging from golden yellow to copper red, from different shades of classic browns to dark browns with the characteristic emergence of copper green. The natural oxidation process can be accelerated and calibrated by patinating the frame to obtain the chromatic effect most in harmony with the style of the façade and interior, or completely avoided by proceeding directly to a transparent opaque coat, which allows the original golden shine of the material to be maintained. The corners of windows and doors made of Architectural Bronze profiles, once welded, are ground flat to achieve a homogeneous appearance. Architectural Bronze, available both standard and thermal break, is a copper alloy specially designed for extrusion in high precision production lines. With a compact surface, suitable for bending, satin or polishable, it represents the natural evolution of an ancient material reinterpreted for contemporary architecture.



distinctive
steel
window
systems



The logo for Volterra, featuring a stylized blue and orange graphic element followed by the word "VOLTERRA" in a gold, serif font.

VOLTERRA

STEEL

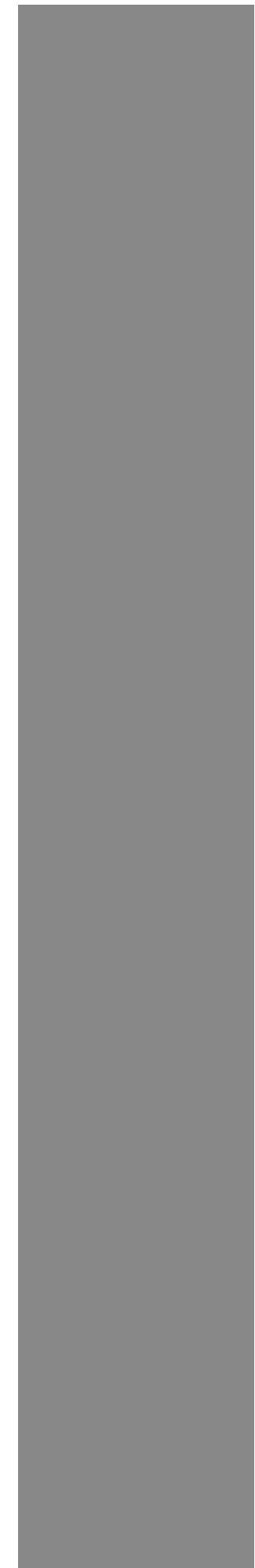
WINDOWS SYSTEMS



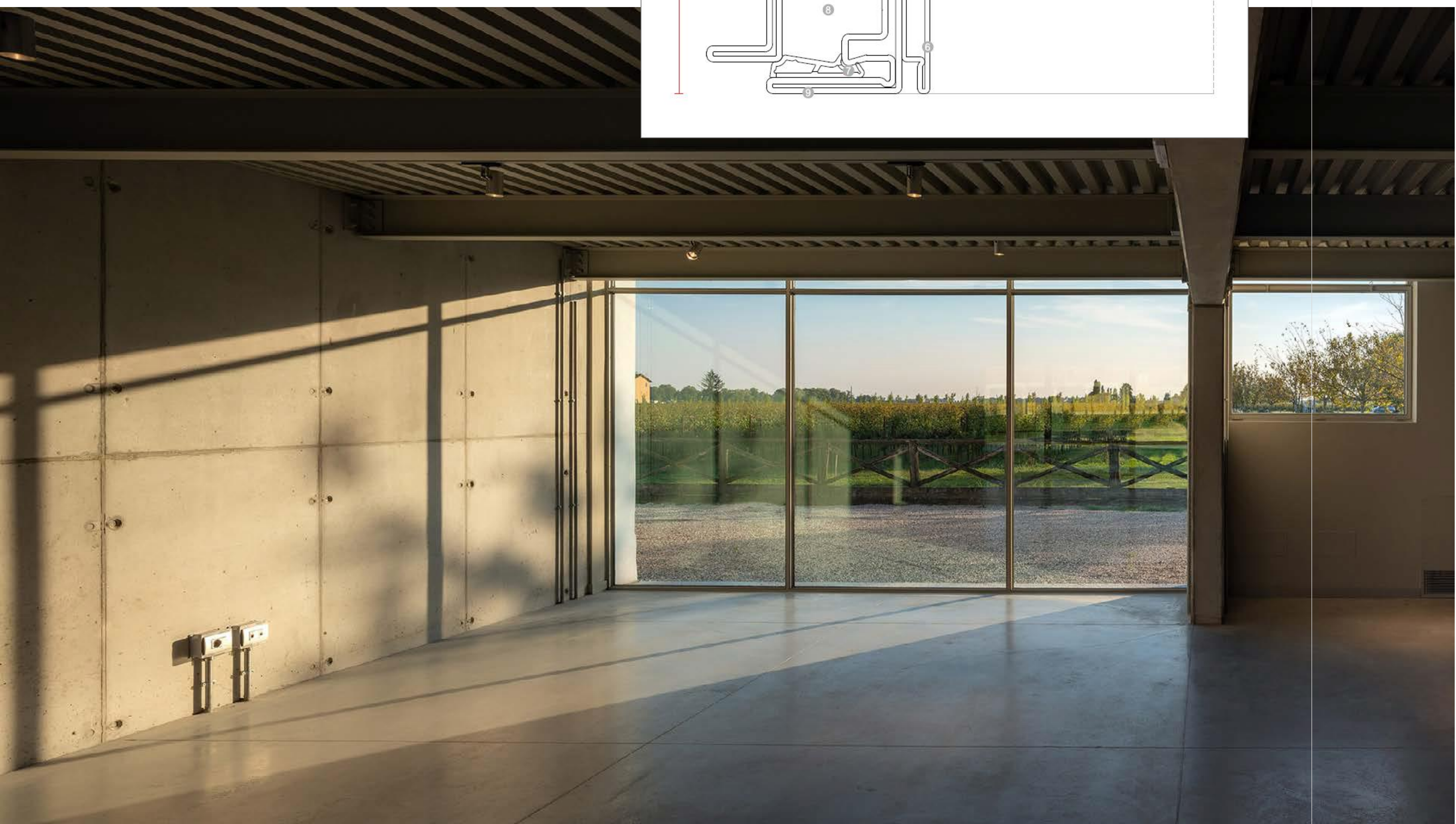
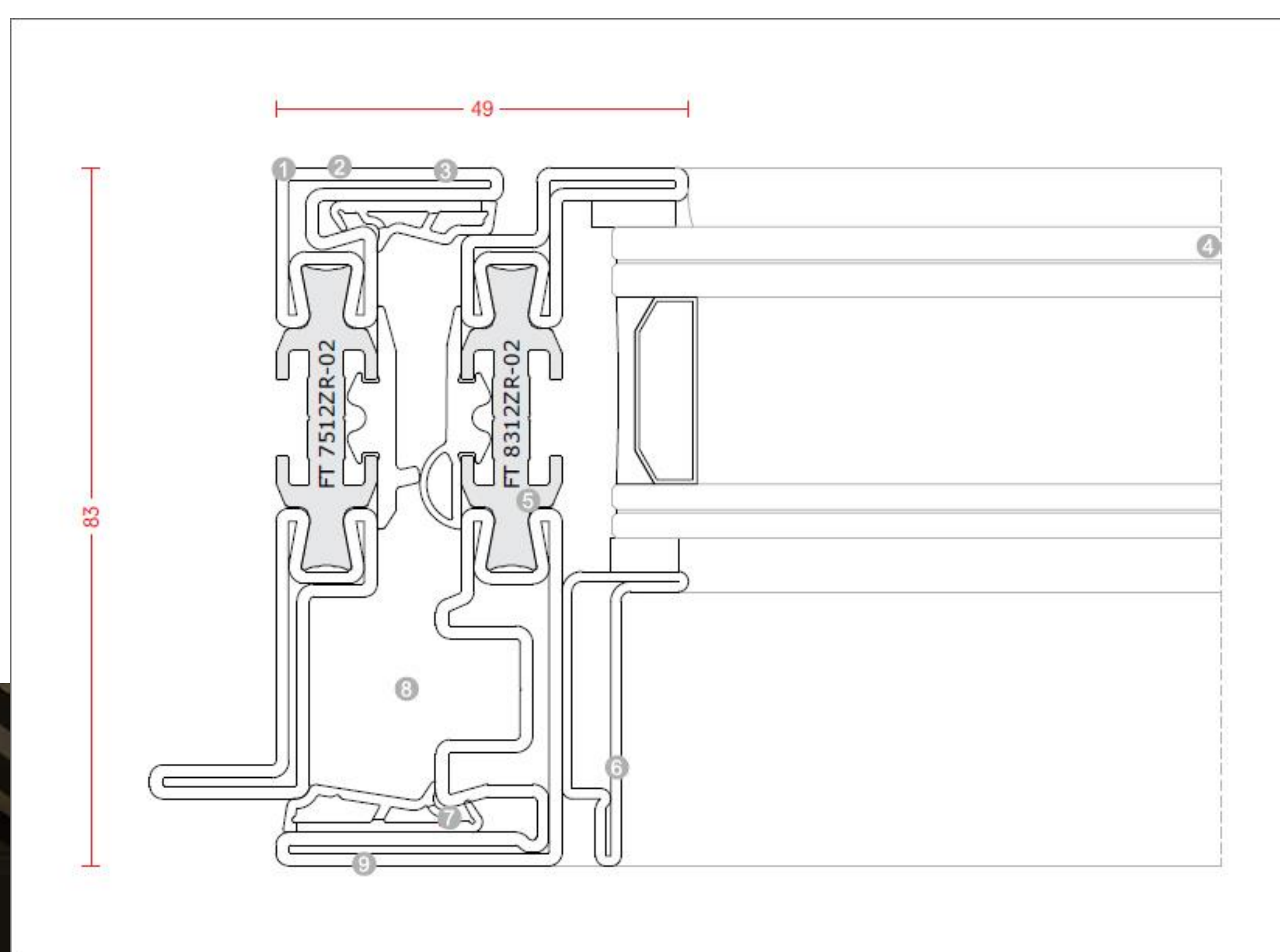
Details Matter



**CHOOSE WINDOW THAT ADD MORE
VALUE & STYLE" ON YOUR HOUSE**



Details Matter



**GALVANIZED STEEL, COR-TEN STEEL
STAINLESS STEEL AND BRIGHT STEEL**

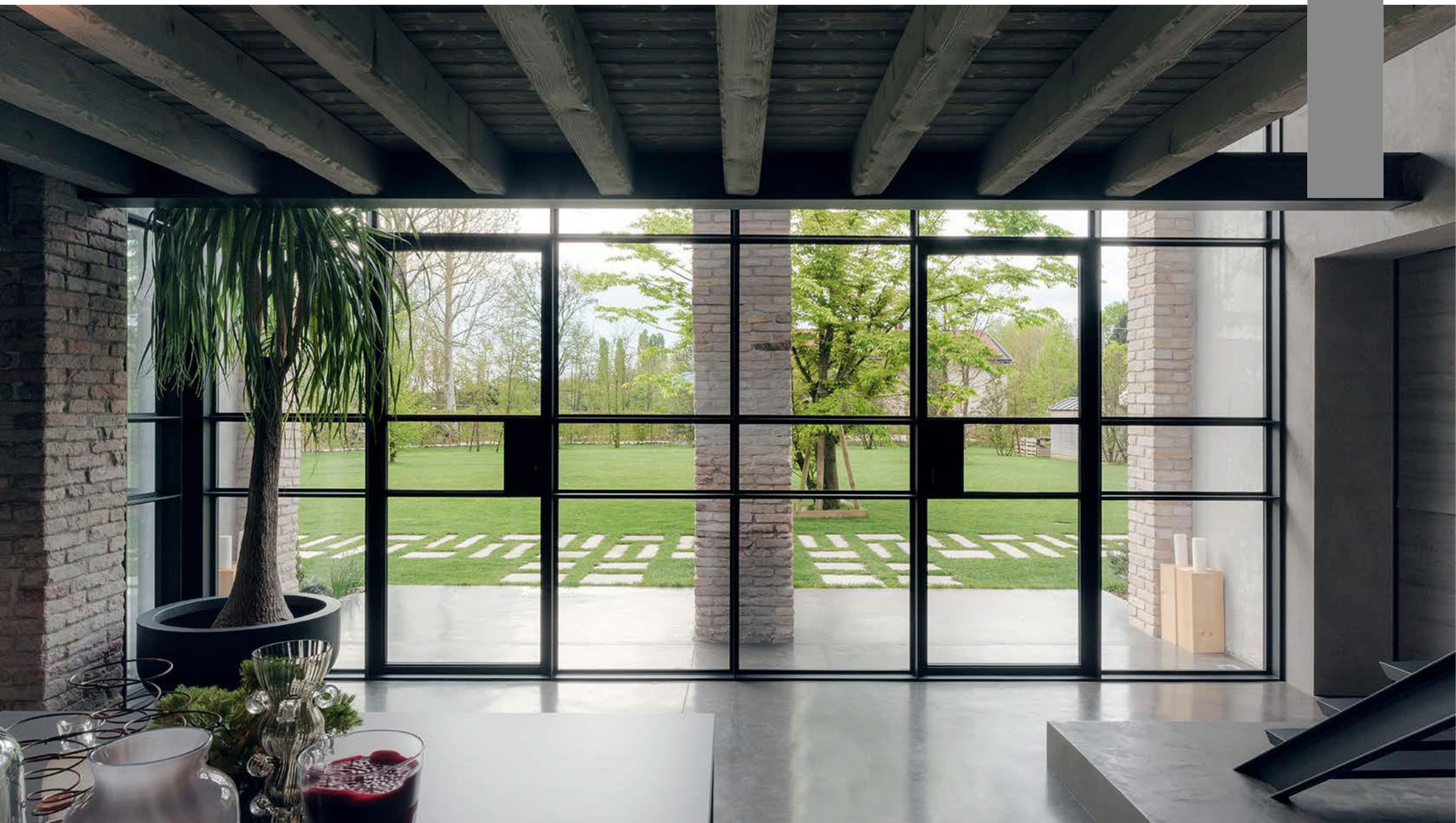


 VOLTERRA



A profile design harmonized down to the smallest detail allows the production of high-quality Windows and doors in combination with highly efficient insulating glass units.

 VOLTERRA



MODERN CREATIVE AND STYLISH DESIGN.

For more than 19 years Experiences with seriousness and passion, and always innovation, creativity and performance and Something different and unique has been at the top of our goals.

VOLTERRA - SINCE 2005

We As a Volterra, have been working as a manufacturer of thermally insulated Aluminum and aluminum+ Wood, Steel door and window systems, curtain wall facades.



Minimalistic windows and doors, large sliding and folding openings, hot-rolled steel windows with evocative appeal as well as customized solutions for curtain walls.

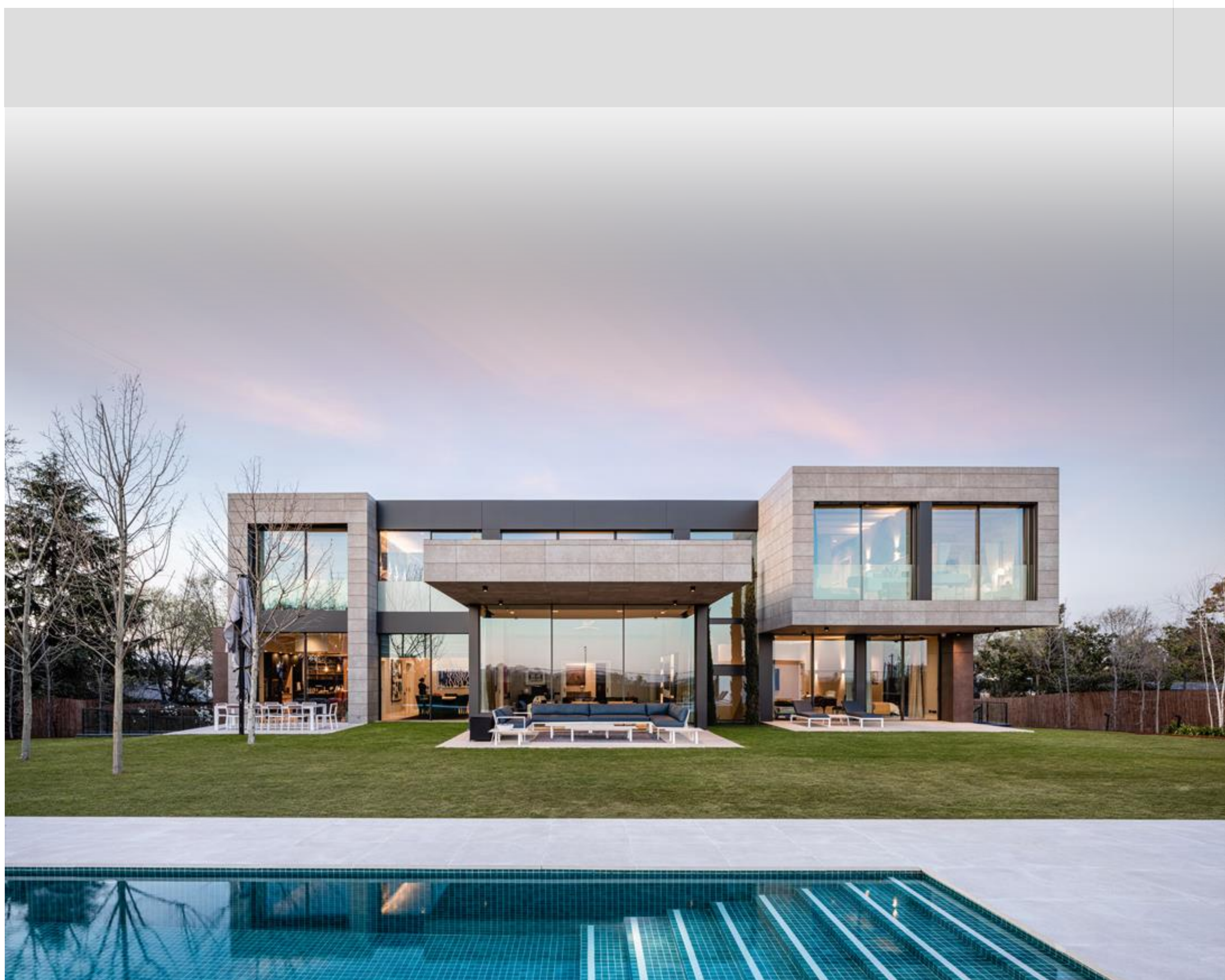




STEEL
WINDOWS
SYSTEMS



ALUMINIUM WINDOWS SYSTEMS



FACING MAJOR CHALLENGES

Volterra is recognised as one of the leading firms in Europe when it comes to the design and manufacture of carpentry alu-systems, and other architectural solutions, like curtain walls, ventilated facades and one-of-a-kind cladding.

Our company has an extensive sales network implemented across the country and does business in. It's in constant contact with a technical team trained in a variety of disciplines that analyses the real needs demanded by the market and develops products with correct and definitive solutions for these needs.



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 VOLTERRA



Volterra
Quality

Details Matter

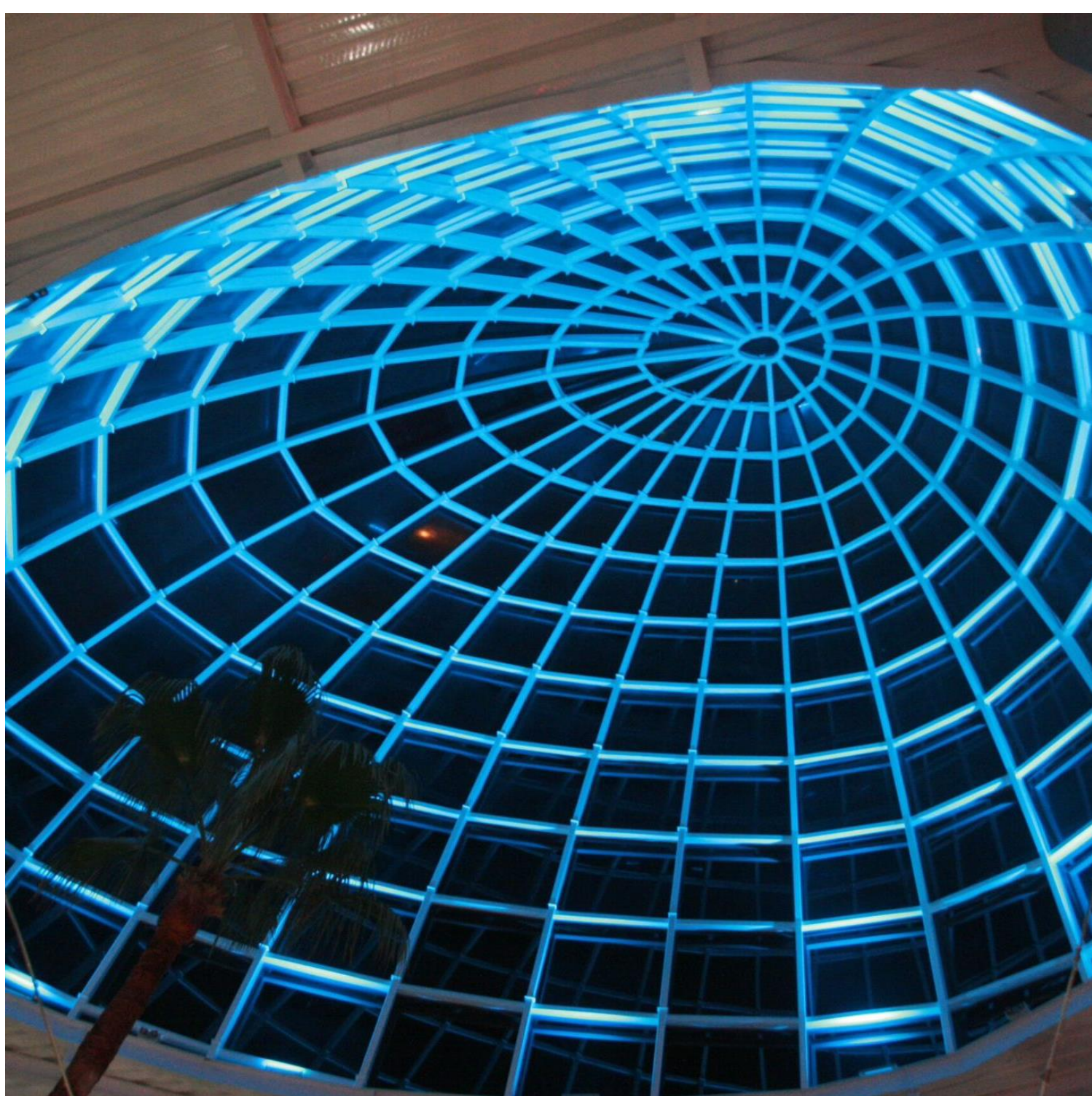
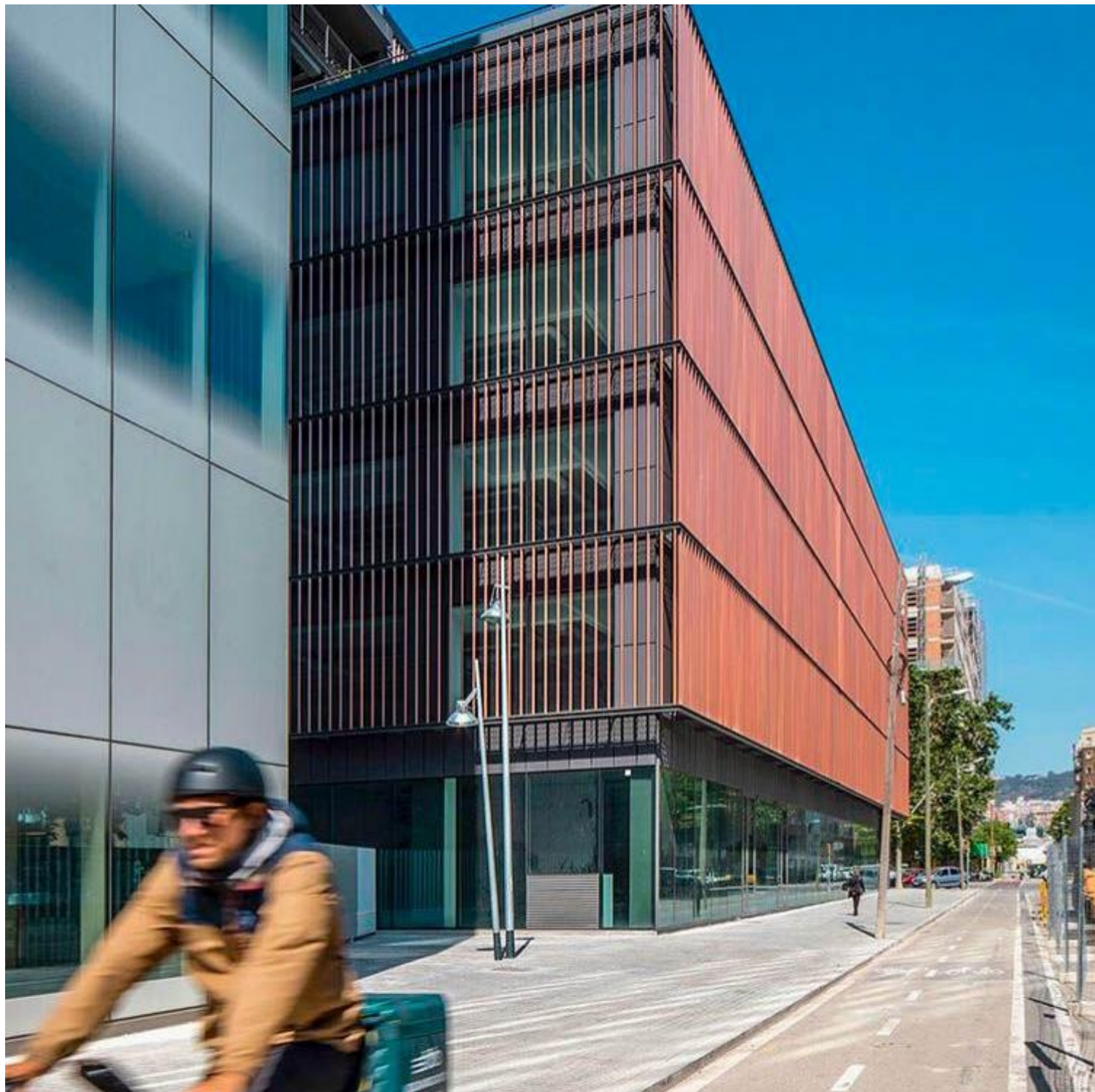
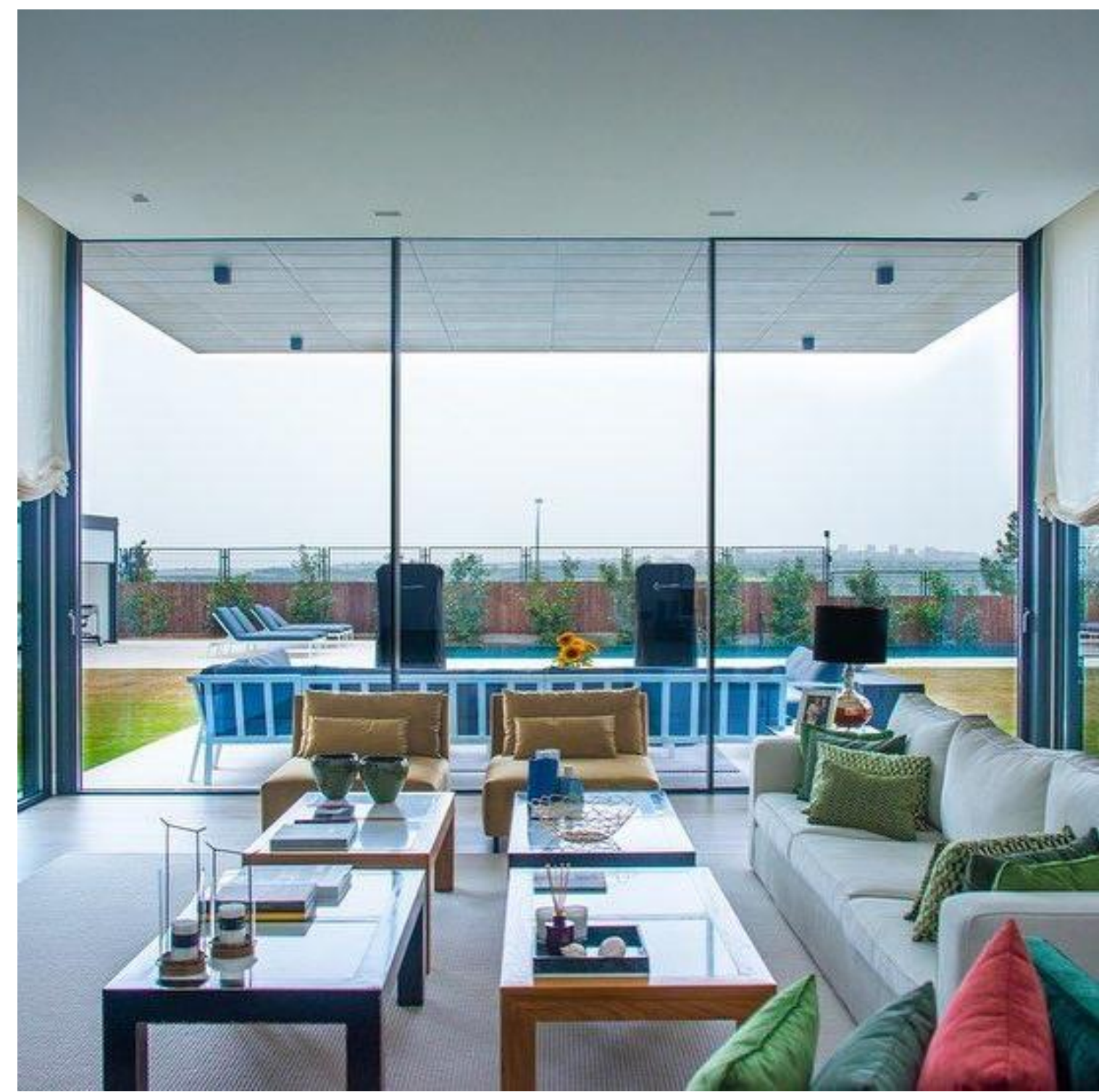
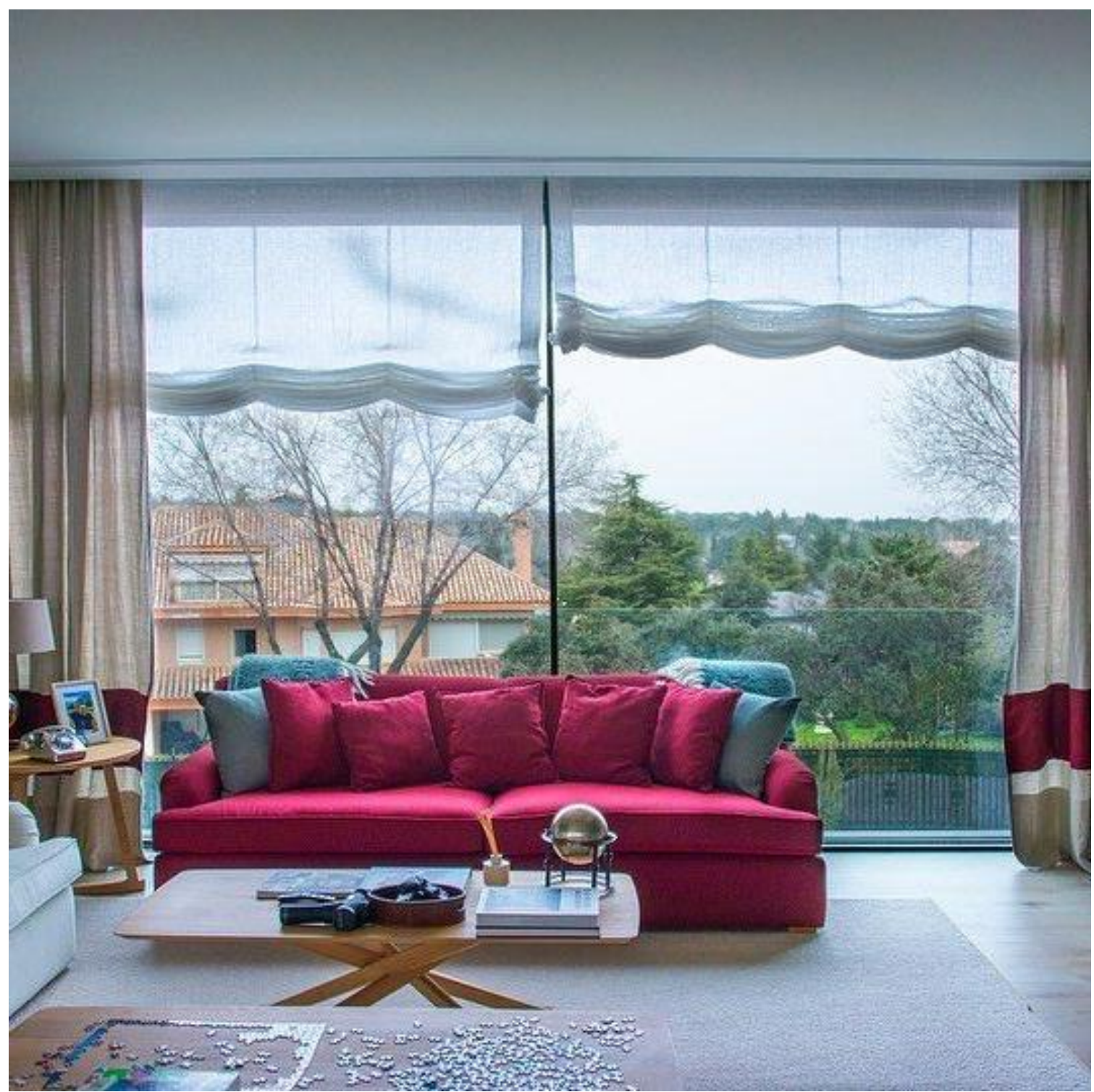
MINIMAL SLIDING Door Systems



**CHOOSE WINDOW THAT ADD MORE
VALUE & STYLE" ON YOUR HOUSE**

 **VOLTERRA**

PROJECTS



 **VOLTERRA**

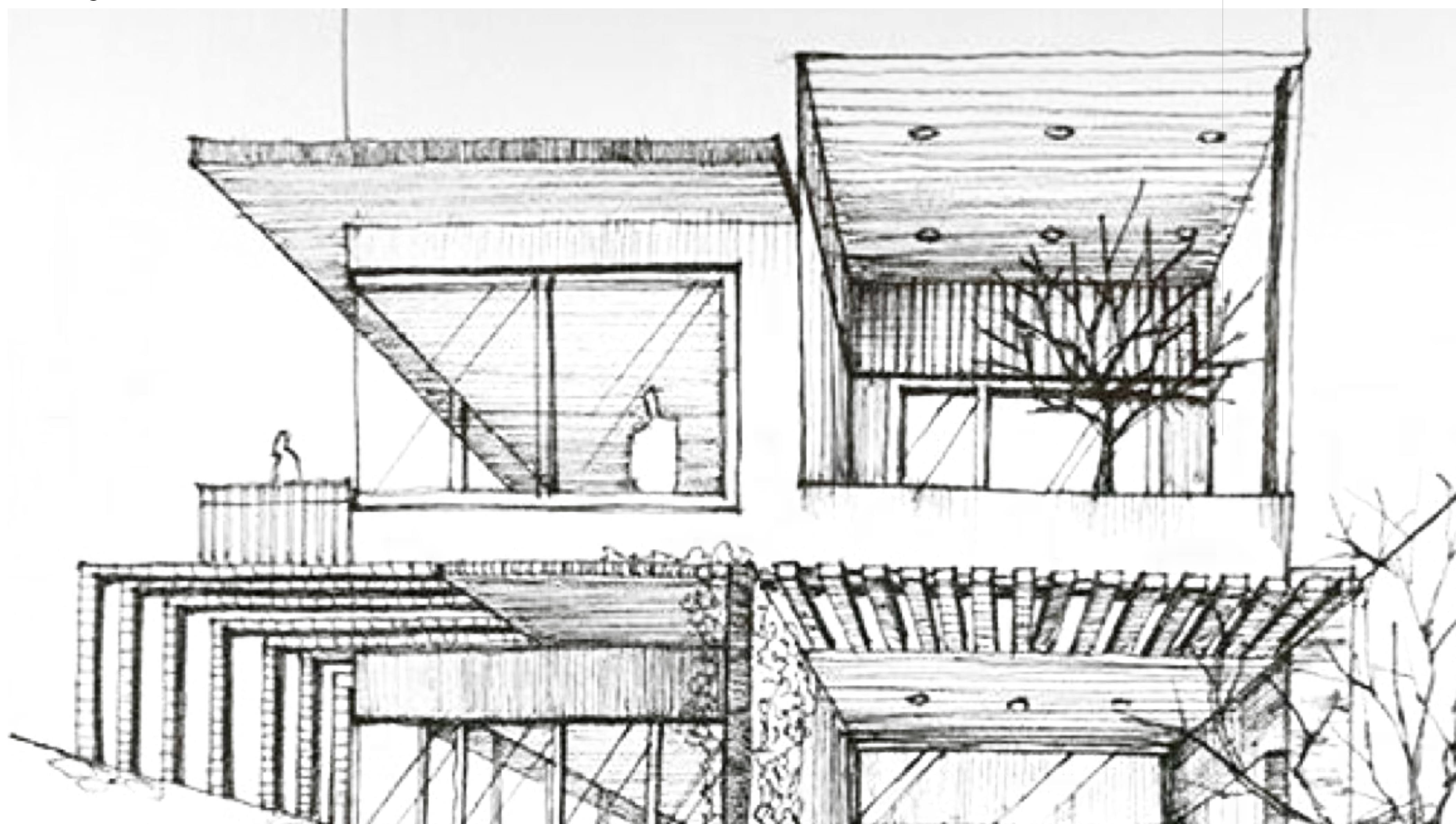


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MODERN CREATIVE AND STYLISH DESIGN.

Your lifestyle defines the space that you live in. You need to enjoy it intensely, connected to and with respect for the environment around you.



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 VOLTERRA



Details Matter

**CHOOSE WINDOW THAT ADD MORE
VALUE & STYLE" ON YOUR HOUSE**

