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ENERGY-EFFICIENT MODULAR HOUSE

Area: 223 m²

Year: 2015

Photographer: Egor Piaskovsky

Art-director: Maxim Maximenko (right) of design studio Nota Bene

Target: to develop an architecture project of a residential building, employing the technology of wood-frame house construction.

Nowadays the world-leading tendencies in architecture and interior design are such principles as: modularity, energy-efficiency, ergonomics, environmental friendliness and aesthetics. Design studio Nota Bene has implemented these principles in of the latest projects, which is built in Minsk, Belarus.

Nota Bene has developed the interior design, the architecture project of the building, and the construction project. In addition to creating concepts, the author participated in the implementation, so everything conceived, has become a reality, and the building continued 118 days only. Everything was made under the management of Nota Bene Studio -from biological cleaning of the facilities to the connection of all modern communications (including fiber-optical communication and access control systems).



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The philosophy of home is the simplicity of the lines. Based on how the owners feel the space and internal logistics of the house, the architects of the studio chose the enfilade system of the plan. It means long spatial axis made up of a series of openings between rooms that all align. Design Studio placed living and household areas, SPA and drive under one roof. Style and image are embodied in each detail: the facade is made from several materials - concrete, vented panels and blocks made of noble larch are assembled under falz roof covering, subsided on one of the walls. This helps to visually unite and take away numerous structures of the site, moreover, to save time for home logistics movements. It is contemporary ergonomics of living space.

The house has been designed for suburban life and family rest. Therefore, Nota Bene used the Danish style as a starting point. The regular geometric shapes of the modular house create the effect of minimalism. Associatively, the name of the project is "Copenhagen", a simple but neat and charming Scandinavian

space appeared. At the same time, the author of the project Maxim Maximenko added the house its individuality and character.

There is a pine forest directly in front of the house, which undoubtedly complements the image of the entire ensemble and emphasizes Scandinavian motifs in the author's idea. The windows and terrace - all the architectural elements of the personal residential complex allows owners feel free and not limited in space, with their eyes always directed inward - nothing comes out. The concept of light and air allows residents to enjoy the harmony of suburban life and forget about the city bustle.

The frame house "Copenhagen" is a stylish example of modern modular houses and architecture. The facade of the house emphasizes the uniqueness and style of the project - a seamed roof with a minimum angle of inclination, which smoothly passes to one of the walls. To date, this type of buildings is very relevant and in demand in Europe.



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Life in the house, the penetration of light and warmth, the view from the windows and landscaping - everything is thoroughly planned and organized on internal life scenarios of house hosts. The house is beautiful, so there is no sense to hide such a wonder behind a broad fence, this is why the author has planned and created a barrier that gives passers-by an opportunity to enjoy modern architecture. Gabion columns are filled with gravel - simple and stylish solution.

The house is a high-grade and stylish example of modern architecture with several trend details: minimal roof slope, various types of sustainable building materials, "smart" self-control system. In addition, one of the features of frame houses is energy efficiency. There is a parking for electric cars, energy-efficient ventilation. There are almost no radiators - the house is heated using floor heating and climate control instruments.

NB
Nota Bene

Nota Bene is a design studio located in Minsk (Belarus) offering qualified solutions in the fields of architecture and interior design worldwide.

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