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FEATURES OF A COUNTRY HOUSE IN HOT COUNTRIES

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ABSTRACT

The construction of summer terraces is becoming more and more relevant to which little attention has been paid so far. Examining the content of the article, this document tries to reveal the importance of summer terraces for a country house in a hot climate, examples from world practice are given. The architect must solve not only the issues of aesthetic value - think over the style of the facade and interior, but also the functionality of buildings is one of the main tasks. The new trend naturally led to the renewal of architectural and planning solutions.

KEYWORDS: *Summer terrace, Country house, Country house in hot countries, Design, dwelling house, Country house, Open terrace, Gazebos, Verandas.*

INTRODUCTION

A residential building can be: a mansion, a villa, a manor, a cottage. The most popular group of buildings of this type should be considered a country house, which may not have communications, located in the suburbs or isolated from other residential buildings. A cottage is a residential building with one or two floors, the second can be of an attic type (Makhmudova M. 2020). A mansion, in principle, can resemble a cottage. The design of a country house reflects not only the social status of the homeowner, but also his character and tastes. Villas, as well as country houses, are intended for seasonal use during summer vacations and holidays. The manor is an analogue of a mansion; in addition, the manor necessarily has additional buildings: gazebos, a park, a pool, possibly located next to a forest or a lake [1].

The first impression about a house is formed by its facade. Therefore, the design of the exterior of the house and the cottage is of great importance. A country house can be built from various materials: brick, wood, concrete blocks and other building materials.

The architect must solve not only the issues of aesthetic value - think over the style of the facade and interior, but also the functionality of buildings is one of the main tasks. The new trend naturally led to the renewal of architectural and planning solutions.

MATERIAL AND METHODS

The creation of the design of the facade and interior of a country house is a difficult task that requires professional skills. When arranging suburban house, it is necessary to take into account not only the area and configuration of rooms, but also the size of windows, landscape design of the territory of a country house, the height of the ceilings and many other factors [2].

The style concept of the design of a country house largely depends on whether the house is a guest (country house) or an apartment for permanent residence. In the first case, you can safely experiment with shades, styles and decorative elements. If the country house is for permanent residence, color contrasts and an excessive amount of detail can cause discomfort.

The style in which the design of the cottage will be made should not only correspond to the tastes of the owners of the house, but also harmoniously fit into the overall landscape so that the house is not like the others, has its own bright personality and the unique exterior of the renovated mansion is in harmony with the surrounding environment.

When creating a design of a country house in a modern style outside, one should take into account current trends, comfort and keeping up with the times. At the same time, the choice of a modern style for decorating a country house implies ample opportunities for implementation. This style direction can be combined, for example, with elements of classic, modern, minimalism or hi-tech, etc. Each new version will have its own individual features that form a stylistic unity.

The main trend of modern architecture is the creation of the most comfortable environment for life. This is achieved due to functionality, competent organization of space, aesthetics, emotionality, efficiency and care for the environment [3].

For example, when developing the exterior of a country house in the style of minimalism, it is advisable to use natural materials for finishing the facade of the house: wood, stone. But glass is also widely used, which gives airiness and lightness to structures, one of the main features of modern minimalism.

The design of a modern country residence today is rarely limited to the development and implementation of a design project of only one building. As a rule, there are several other buildings adjacent to a private house: gazebos, verandas and other structures. Buildings executed in the same style, along with landscape design, form a complete architectural ensemble.

Many people dream of a luxurious house that will be spacious, stylish and modern, possibly with a beautiful patio and pool, panoramic windows and several terraces. The terrace is not only present in every home, but also occupies a significant size, especially in hot regions such as Uzbekistan. There is often a terrace on the first and second floor (as an exploited roof), or terrain features are used to create multi-level terraces. A summer terrace with an open-air pond for summer residents is a great place for active outdoor activities, enjoying the landscape design and the landscape of the mountainous area

Open spaces, natural light, lightness of glass forms in the architectural world are trends that will never become obsolete.



Glass House (Farnsworth House), USA. Illinois, 1946-1951 Arch. Mies van der Rohe. General form

For example, in 1950, Mies van der Rohe designed a house that became an extreme expression of transparency and dissolution in the surrounding nature - a "crystal box". It was Farnsworth House, a riverside house a few miles from Chicago. The house consists of three elements: an open area raised above the ground, a covered terrace and a single glazed living space. The closed core of the house (bathrooms, kitchen niche) is sheathed with precious woods (Anisimova I.I. 2009).

Large bay windows are both a source of natural light for the interior and a design feature of the facade of a country house. This detail creates the illusion of a glazed veranda, making the facade and interior more festive and light.

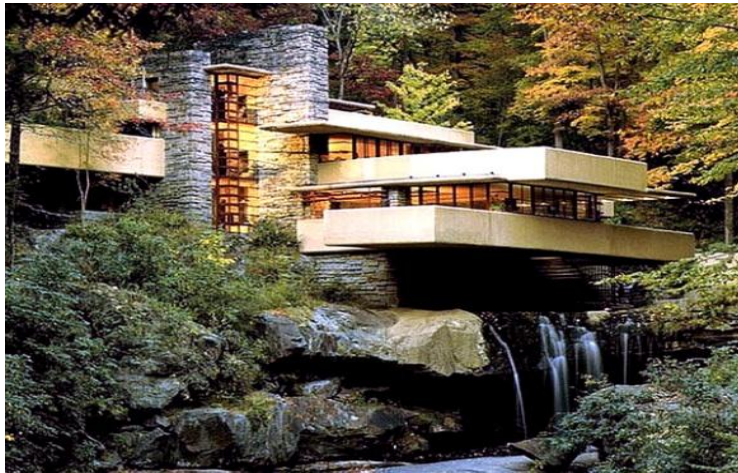


Country house with panoramic windows

Glass is a tool used by an architect to control light and neutralize the heaviness of a building. Glass doors, partitions, large floor-to-ceiling windows erase the boundaries of the building, expanding the space.

So, for example "House above the waterfall" (architect F.L. Wright, 1937) is a house for summer vacations. The main compositional motive of the villa was the contrast between the rusticated surfaces of the vertical volumes, the light, floating in the air planes of the cantilever terraces and

the transparent weightlessness of the horizontal glazing. Cantilever ribbed reinforced concrete slabs rested on the peeled walls of the base, the removal of one of the terraces above the level of the stream was about 5.5 m. From the terrace you can go down the stairs to the waterfall [1,4].



“House over the waterfall”. Arch. F.L. Wright, Bear Run, USA, 1937

While decorating an open terrace, you can show all your imagination and use the most unusual materials for its arrangement. But of course, plants play the "main violin" in the design of an open terrace - they can be used to decorate the building and give it a unique look. The cobbled summer terrace, decorated with plants and different flowers, can be a great place to relax for years to come.



Villa Savoy Arch. - Le Corbusier, Poissy, France, 1929 - 1930. General form

So in the Villa Savoy (Arch. Le Corbusier, Poissy, France. 1930), a significant part of the residential floor of the house was occupied by an open terrace, flowing into the living room space thanks to continuous glazing, the roof was a terrace with a garden, which, according to Le Corbusier, returned to the city greens taken away by the volume of the house. (Anisimova I.I. ; 2009. Getashvili N. 2004).



Arch. - Le Corbusier, Poissy, France, 1929 - 1930. Terrace

An open terrace located under a canopy is a feature characteristic of houses located in areas with a warm climate. This feature has become characteristic of the design of Italian-style country houses and cottages on the outside. On the semi-open terrace under a canopy, you can comfortably relax in the summer. The interior of a villa or a country house can be expanded with adjoining areas and terraces - dining and living rooms in the open air.[6,7]



Villa Savo Arch. - Le Corbusier, Poissy, France, 1929 - 1930. Terrace

The presence of a terrace and large windows blur the border between the house and the environment, further bringing people closer to nature. The summer terrace today is a continuation of the living room. One of the key principles used by architects when designing country houses is that living space flows seamlessly into the exterior.

The fully enclosed terrace is a structure with walls and a roof. It can be adjacent to the main building, or it can stand alone. The advantages are obvious: rain and wind will not spoil your mood; an excess of sunlight is also not threatened, but the lack may well be felt.[8,9]

To avoid stuffiness, window openings in the closed terrace (veranda) can be left empty. Thus, the breeze will blow over you, and all the smells and sounds of the country will contribute to relaxation.

The best option is a glass sliding facade, which makes it easy to feel “in the air” and also quickly isolate. In such an extension, you can safely place expensive furniture and accessories: in the event of a sudden rain or departure, you will not have to bring them in or cover them with foil. All three walls surrounding the terrace can be sliding. In this case, the glass walls go up like a garage door. Terraces and balconies can be enjoyed throughout the year if positioned correctly.

Sometimes in a country house, technically, a terrace is used - this is a platform raised above ground level, most often - flooring on a concrete base. It can be with or without a roof, fenced or not, flat and multi-level, separate and adjacent to the house. A country house with a terrace immediately becomes more comfortable and attractive. Also, due to the flooring, you can increase the usable area of the house. Here you can equip: a lounge area with sofas and armchairs, which can play the role of a summer living room; a place for meals with a large dining table; summer kitchen or barbecue area; a relaxation area with swings, sun loungers or a hammock.



Technically terrace

If you have an open space, however small, you can place mobile ovens to combat the cold. If you want to get more light and a more airy terrace, a transparent roof will be a good solution.

Vegetation can also play the role of a visual barrier on a terrace without walls. If you do not erect a railing, you can create the impression of a secluded area in a dense thicket.[10]



Terrace with a transparent roof

You can do without green spaces altogether. A thick lattice is a self-sufficient decor and a good fencing. It will serve as a visual barrier not only from above, but also on the sides. The sun's rays will reach you unhindered, and you will be inaccessible to prying eyes.[11]

CONCLUSION

A beautiful country house is always a combination of a spectacular facade, an attractive interior and a refined landscape, as well as a high quality of the completed project.

The study of historical experience helps to understand the prevailing trends in the design of individual dwellings in world practice and to determine how much the world experience is suitable for modern domestic conditions. The owners of such houses want to get away from the monotony of ordinary houses, to self-identify due to the uncommonness, originality of the author's solution, which gives the prospect for the further development of this housing sector, which is important for the general intellectual level of society.

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