

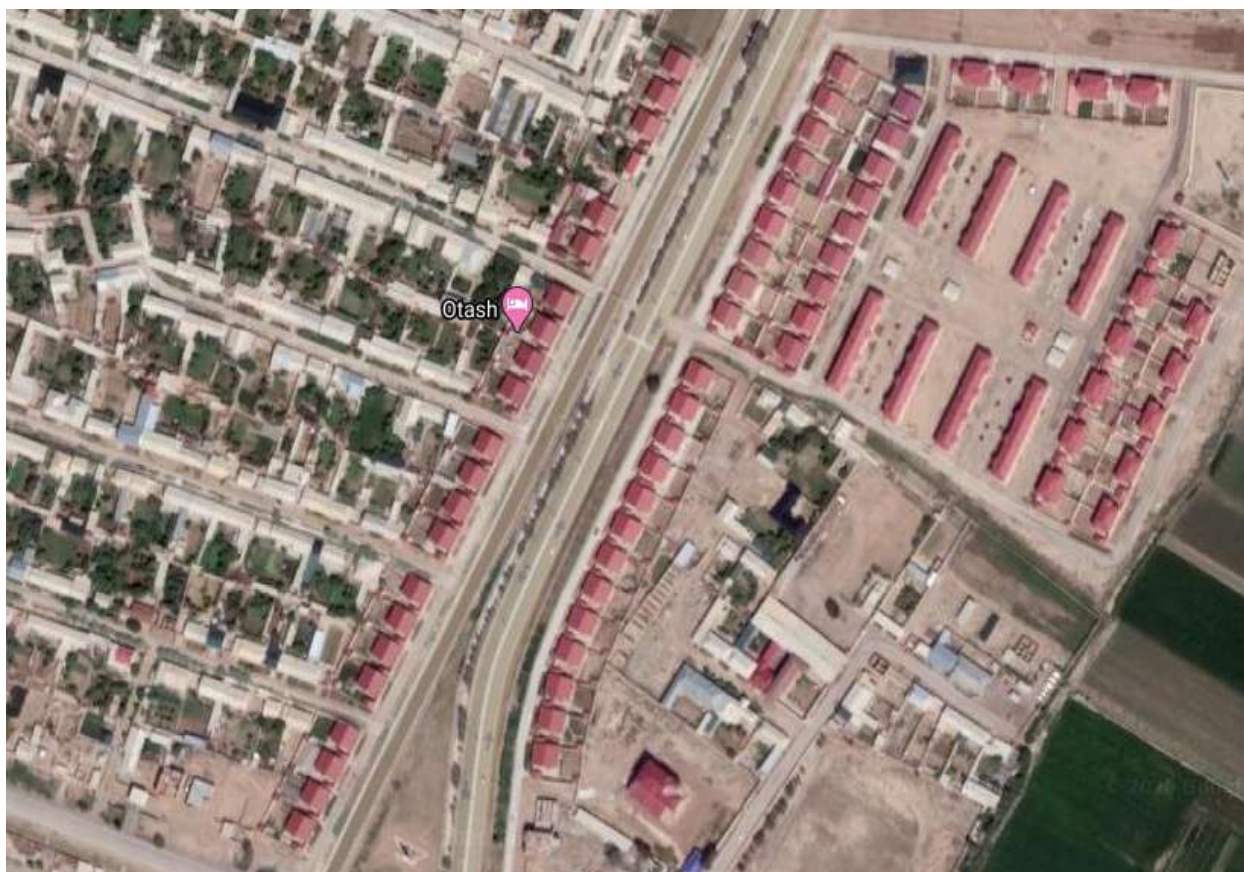
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## CONSTRUCTIVE RECOMMENDATIONS ON THE IMPLEMENTATION OF THE MODERN PROJECT OF MODEL HOUSES IN THE TERRITORY OF THE CITY OF TERMEZ

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In the following years, large-scale work is carried out on the construction of individual houses on the basis of model projects for the population in the territory of the city of Termez (picture 1, part of the roof is red). In the period of 2009-2016 alone, 69,557 comfortable standard houses with a total area of 9 thousand 573 square meters were built in the 1 thousand 308 residential areas. With this, the living conditions of more than 83,5 thousand families improve<sup>1</sup>.



Picture 1

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<sup>1</sup> President of the Republic of Uzbekistan Mirziyoyev's decision "in 2017-2021-th year in the gang of the program for the construction of affordable housing on renewed model projects in rural areas". T.: 2016-th year, 21-th October.



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The measures taken helped to provide families with modern, high-quality, comfortable housing, to form a new engineering and communication, social and market infrastructure in the city, to raise the image of the city to a new level, and on this basis, to further improve the standard of living of the city's population and to change the world outlook.

At the same time, the study of this area showed the need to develop principally new approaches aimed at improving the efficiency of construction, taking into account the real needs of the population and the purchasing power, as well as the characteristics of the national mentality and living conditions in urban areas.

In order to radically increase the level of provision of modern and comfortable standard housing for the broad strata of the population of the city:

1. The following are the main directions of further development of model housing construction in the territory of the city:

- improvement of social and household conditions for Living, meeting the needs of the city's population for modern, quality, comfortable, affordable housing;

- joint development of engineering and communication infrastructure and transport networks in residential areas allocated for the construction of model houses in the urban area;

- reduce the cost of Project-Search and construction-installation work, as well as restoration houses on account of optimization of constructive and architectural-planning solutions;

- to expand the use of new types of energy-saving materials and equipment;

- development of the construction industry on the ground, increasing the capacity of contracting organizations, strengthening their material and technical base;

- to ensure rational use of land resources allocated for the construction of housing;

- introduction of more favorable conditions for citizens of granting preferential loans for the construction of individual housing in the territory of the city.





Picture 2

2. In addition to the existing sample projects (picture 2) in the territory of the city of Termez, we considered it worthwhile to introduce new (picture 4, 5) modern samples of inexpensive houses in the specified free-standing area (Picture 3)<sup>2</sup>:



<sup>2</sup> Тураев Х.А. и др. ФАКТОРЫ РАЗВИТИЯ КУЛЬТУРЫ САМОСТОЯТЕЛЬНОГО МЫШЛЕНИЯ БУДУЩИХ СПЕЦИАЛИСТОВ В ГРАФИЧЕСКОМ ОБРАЗОВАНИИ //Научная дискуссия: вопросы педагогики и психологии. – 2017. – №. 3. – С. 69-73.

Picture 3



Picture 4

- two, three-storey multi-apartment (3, 6-room) houses with farm buildings and landscaped gardens;



Picture 5



- single-storey 3-room houses, the area of which is located on land plots with an area of 0.04 hectares, together with buildings in the courtyard in densely populated urban areas (picture 6);



Picture 6

- it is planned to complete the project of two-storey 6-room houses, which together with the buildings in the courtyard will be located on land plots with an area of 0.04 hectares (picture 7)<sup>3</sup>.

<sup>3</sup> Тураев Х.А. и др. МЕТОДИЧЕСКИЕ РЕКОМЕНДАЦИИ ПО ФОРМИРОВАНИЮ ТВОРЧЕСКИХ СПОСОБНОСТЕЙ УЧАЩИХСЯ 8-9 КЛАССОВ НА УРОКАХ ЧЕРЧЕНИЯ //EUROPEAN RESEARCH. – 2017. – С. 210-213.



7-picture (facade)



7-picture (plan)

At the same time, the results of the study showed that it is necessary to develop principally new approaches that provide a high efficiency of construction, fully taking into account the real needs of the population and the purchasing power, as well as the national mentality and living conditions in the localities.

The growing need of the city's population for modern and affordable housing requires further strengthening the use of new types of energy-saving materials and equipment, as well as reducing the cost of the restored sample houses<sup>4</sup>.

<sup>4</sup> Тураев Х.А. и др. МЕТОДИЧЕСКИЕ ИНСТРУКЦИИ РАЗРАБОТКИ ЭЛЕМЕНТОВ ТВОРЧЕСКОГО РАЗВИТИЯ СТУДЕНТОВ //Фундаментальные и прикладные научные исследования: актуальные вопросы, достижения и инновации. – 2018. – С. 185-188.



Picture 8

It is necessary to ensure that the restored sample houses on the updated projects do not have analogues in Central Asia in terms of their price parameters, quality descriptions and comfort. In this regard, it is possible to bring as an example the restored model houses in the people's Republic of China, where the largest population of the world lives (Figure 8).

Through the creation of the project of model houses, they contribute to the provision of a way of coherence and consistency in the further expansion of the scale of individual housing construction in the urban area as one of the main factors for the improvement of the city and the radical increase in the standard of living of the urban population.

#### **LIST OF USED LITERATURE**

1. J.Yodgorov. "Geometrik vaproyeksion chizmachilik". T.: "Fan". 2008.
2. Sh.Murodov v.b. "Topografik chizmachilik". T.: "Cho'lpon". 2009.
3. J.Yodgorov. "Mashinasozlik chizmachiligi". T.: "O'zbekiston". 2009.
4. I.Rahmonov va A.Valiyev. "Chizmachilik". T.: "Voriz-nashriyot". 2011.
5. I.Rahmonov v.b. "Chizmachilik". T.: "Voriz-nashriyot". 2016.
6. <https://uz.wikipedia.org/wiki/Termiz>
7. <https://www.google.com>