

RAHIMA USMANOVNA CHEKAEVA, FARID MNIROVICH CHEKAEV\*

## WSPÓŁCZESNA ARCHITEKTURA MIESZKANIOWA W ASTANIE

### MODERN LIVING ARCHITECTURE IN ASTANA

#### Abstract

This paper characterizes the architecture of a new residential complex “On the green waterside boulevard”. It is located in the most prestigious district of the capital city on the left bank of the River Yesil near the Presidential Palace, a circular layout and the “Baiterek” tower. The complex expresses a new era, various tastes as well as different aesthetical and moral values. Therefore, it surprises and dazzles onlookers with its unusual artistic expression and the unexpected technological imagination of its authors. The latest building materials and the applied technologies emphasize the innovativeness of the adopted solutions.

*Keywords: architecture, modern housing architecture, technological imagination*

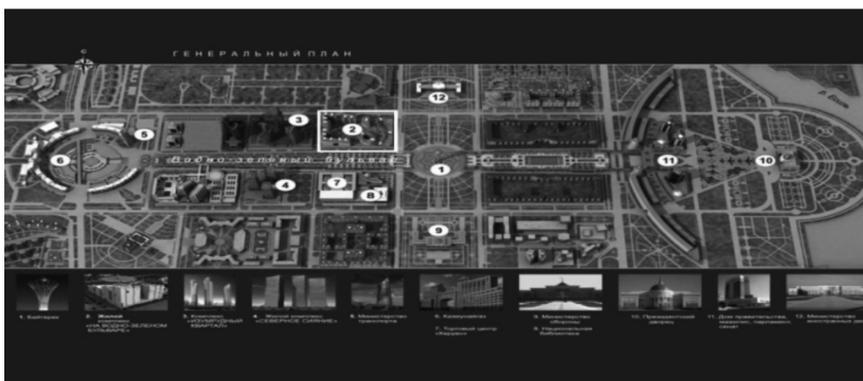
#### Streszczenie

W artykule niniejszym scharakteryzowano architekturę nowego zespołu mieszkaniowego „Na wodno-zielonym bulwarze”. Jest on zlokalizowany w najbardziej prestiżowym rejonie stolicy – na lewym brzegu rzeki Iszym w pobliżu Pałacu Prezydenckiego, placu okrągłego i wieży „Baiterek”. Kompleks ten stanowi wyraz nowej epoki, rozmaitych gustów, całkiem odmiennych wartości estetycznych i moralnych, dlatego zadziwia oraz poraża niezwykłością swojej artystycznej ekspresji oraz oryginalnością technologicznej fantazji autorów. Najnowocześniejsze materiały budowlane i zastosowane technologie podkreślają nowatorstwo przyjętych rozwiązań.

*Słowa kluczowe: architektura, nowoczesna architektura mieszkaniowa, fantazja technologiczna*

\* Prof. D.Sc. Arch. Rahima Usmanovna Chekaeva, Assoc. Prof. D.Sc. Arch. Farid Mnirovich Chekaev, Faculty of Architecture and Construction, L.N. Gumilev Eurasian National University, Astana, Kazakhstan.

A new residential complex “On Water – Green Boulevard” is located in the prestigious district of the capital – on the left bank of Ishim river, near the Presidential Palace Square and circular “Baiterek”. It fits in the overall landscape of the city center. In general, all these buildings create a unified architectural ensemble. Stylish and dynamic, the complex most fully expresses the idea of combining modern technological era buildings with the dream of humanity in a wonderful distant future. The integrated construction and infrastructure make it attractive and comfortable for living, and the proximity of parks and magnificent fountains only emphasize the advantages of the complex.



III. 1. Water – Green Boulevard (source: [1])

It is best to visit here during the day, to see the magnificent play of light of the rays of the midday sun on the glaring chrome and metal surfaces. In the evening, when the city is artfully illuminated by numerous spotlights, the complex looks like a grand structure.

There is always plenty of sun, light and air, and from the river Ishim, blows a fresh cool breeze. The residential complex “On Water – Green Boulevard” is for those who love our young and wonderful capital, who enjoy its internal energy and appreciate the comforts of the present.

The residential complex “On Water-Green Boulevard”, built in a “high-tech” style, is a fantastic spectacle that cannot be immediately covered by the eyes. It is amazing! The clear form of construction, gives the composition conceived by the authors, the effect of a special technogenic appearance. Endless repetition of quite simple elements create the most complex shapes. Rapid, straight lines are complemented brilliantly by glass and metal parts. The complex is like a new era of different tastes with completely different aesthetic and moral values, as is the surprising and striking singularity of its artistic expression and unexpected technological fantasy of its authors.

A bold technical design is made with exceptional perfection and elegance [2]. The “high-tech” style, not only captures the look of the buildings in its orbit, but also the environment, landscaping elements and scenery, which lie near the set of paths, playgrounds and parks; ironically their smooth, fluid shapes contrast with the pointed geometric shape of the building. Engineering shape admires the image of something “unpresentable” that “does not happen in reality” and looks calm and harmonious, just like the natural habitat of man.



Ill. 2, 3. Residential complex “On Water – Green Boulevard” (photo by authors)

The air architectural design of the new complex of the capital was built on the principles of dynamics, transparency and monochrome. Stylish and extremely easy, impressive and elegant, the residential complex is at the same time a step into the unknown arousing curiosity and admiration and presenting a wonderful synthesis of high technology and the arts.

Emotional delight in the perception contributes to placing songs in the middle of a single integrated development of the city center. Impression is reinforced by the fact that the walls are almost devoid of any ornaments. The huge complex was conceived as an image of the real future, which heard the echoes of ancient wonders. These live trees, like the “hanging gardens” of ancient Babylon, are the only decoration of the walls.



Ill. 4. “Hanging Gardens” (photo by authors)

The composition is of asymmetric buildings. The complex is appealing with simple clear lines and volumes. The advantage of the architectural composition and the complexity of constructive solutions is a clear structuring of the image.

Each one of the 1, 2, 3, 4 bedroom apartments ranging in size from 45 to 160 square meters of the residential complex “On Water – Green Boulevard” have unique planning solutions which are non-standard and unlimited in any incarnation. Lovers of modern design trends or adherents of the traditional can create according to personal taste and desire. Minimum load-bearing walls allow zoned space as desired and any apartment can be a true masterpiece of design art. The solid glass facade visually extends the room allowing life to be more comfortable and harmonious. The apartments open to luxurious panoramic views [3].

The residential complex “On the Water – Green Boulevard” has all the necessary ingredients for a comfortable life. The complex will provide the opportunity to be happy, live life to the fullest, always smile and feel fit. There is a gym, billiards, virtual golf course and swimming pool. The pool water is crystal clear and a gentle blue. A cozy small apartment cinema designed for 15 people, relax every cell of the body. Sitting in a comfortable chair, one becomes fully aware of the unusual ideas of the creators of this beautiful room. The children’s two-part game room provides space to have fun for playful children. In addition, there is no worry about where to come with guests. The hotel complex design has eight rooms, which include all the conditions in order to have a good time and relax. It offers an unforgettable atmosphere of coziness and comfort with the unique combination of excellent quality and great hospitality.



Ill. 5, 6. A general view of a residential complex on the “On the Water – Green Boulevard”  
(photo by authors)

Accommodating parking lots located on two floors of the stylobate are provided for the tenants and enough sites for guest parking, which is important due to increasing traffic flow in the city center and the lack of parking spaces. An hourly security surveillance of the surrounding area will be carried out using a multi-level electronic security system: access control, concierge in the lobby, surveillance cameras around the perimeter of the building and grounds, computer control of all life-support systems of the complex.

The complex “On the Water – Green Boulevard” meets all the requirements in the age of high technology [1]. The latest technical solutions make life comfortable and cozy. For

the comfort and convenience of home owners the best equipment for heating systems were selected. All apartments have heat counters. Modern heating systems are equipped with high quality heaters with thermostats. Even on the hottest day, a single air-conditioning system will create an atmosphere of freshness and coolness in the apartment. Due to these systems the required temperature is reached and supports a freshness of air necessary for normal human life. On request, the temperature can be set for personal comfort. For quick access to the Internet a special line is dedicated. Excellent call quality is carried through fiber-optic lines. High-speed silent elevators from well-known manufacturers smoothly and quickly service the floors.

The main task of the services used “On the Water – Green Boulevard” is to create a welcoming and friendly atmosphere. This means that you do not have to worry about everyday minutiae. All the trouble of cleaning and minor repairs of the buildings will be taken over by the operation of the service team with vast experience in the operation of elite buildings. Every day, in-house and on-site immaculate cleanliness and order is provided. Master gardeners with special diligence and zeal monitor vegetation, plant flower beds and trees and trim shrubs. The courtyard is always well maintained and blooming. Highly skilled service professionals, electricians, plumbers and lifters survey the clock engineering systems of the buildings, elevators, air-conditioning, electricity and water supply.

Today the residential complex “On the Water – Green Boulevard” is not only one of the most extraordinarily beautiful architectural complexes of the capital, and even the whole of Kazakhstan, but also is the most unique building in terms of infrastructure. Being the home of a new generation of residential complexes “On the Water – Green Boulevard”, always gives the impression of being the most ideal place in the entire city with unique opportunities for leisure and recreation.

## **Conclusions**

Studies have shown that the architecture of modern residential buildings is an attempt to take into account regional peculiarities:

- This period is characterized by the principle of the location of residential buildings along the main squares of the city in the form of creating architectural planning units and complexes;
- Despite the originality and uniqueness of each unit, the buildings are in total harmony with art, subject to the overall planning concept and fold into a single expressive architectural ensemble;
- The architecture of the building combines, modernity and ethnic elements (colored in blue);
- The use of modern construction techniques and the latest technical solutions make life comfortable and cozy; the architectural design of the new complex of the capital is built on the principles of dynamics, transparency and monochrome;
- It provides comfortable parking.

## References

- [1] Kurokawa K., *Architect and assisiations*, Project Solutions of New City: Astana, 15.08.1998.
- [2] Kurokawa K., *On the basic concept of general plan of Astana*, June 2001, General explanatory, note 3.3, pp. 3-34.
- [2] Chekaev F.M., *The problems of the development of architecture in the early twentieth century (for example, Astana)*, Herald ENU, L.N. Gumileva, No. 3, 49, 2006, pp. 313-321.
- [3] Chekaeva R.U., *Architecture of Astana City of the 21st century*, Architecture, Building and Transport: Problems and Prospects of Materials republican scientific – practical conference – ENU, Astana, 5–6 May 2010, pp. 70-74.

