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# TYPOLOGY AND FEATURES OF TECHNICAL SOLUTIONS FOR RE-PLANNING RESIDENTIAL PREMISES IN AN APARTMENT BUILDING

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Abstract. In recent years, issues related to the redevelopment of premises in apartment buildings have become increasingly relevant due to the increase in the number of apartment-owning residents who want to carry out work on changing the configuration of residential premises to their own requests. The article provides the features analysis of the decisions made by the owners on the redevelopment of residential premises and the systematization of their typological features. In particular, all the variety of solutions for changing the configuration of residential premises is combined into four main types: 1) redevelopments that do not require coordination; 2) requiring approval; 3) requiring approval and permission; 4) configuration changes contrary to redevelopment legislation. The authors proposed criteria for classifying the most common solutions for changing the configuration of residential premises in an apartment building as the main types of redevelopments. The study is based on various regulations governing the construction and redevelopment of multi-apartment residential buildings. Specific examples for these types are given to understand and visualize the changes made. The presented typology will help the owners of the

premises to weigh the possible consequences of their redevelopment decisions and make an informed decision.

**Keywords:** apartment building; living quarters; construct; room layout; redevelopment approval; residential rooms area.

**JEL codes:** H31; L74; L85.

### References

- 1. Kornienko, E.Yu.; Nekrasova, M.A. (2011) Redevelopment of apartments in residential buildings built according to standard designs developed by MNIITEP // Industrial and civil construction. No. 12. P.: 25-27.
- 2. Ovchinnikova, S.V.; Chebotareva, O.B.; Zlobin, S.V. (2015) Redevelopment and reconstruction of residential premises in an apartment building // Vestnik SevKavGTI. No. 4 (23). P.: 162-165.
- 3. Peshnina, I.V.; Peshnin, A.N. (2021) Redevelopment of non-residential premises in an apartment building // Symbol of Science: international scientific journal. No. 1. P.: 22-25.
- 4 Vasilyeva, V.O.; Sheps, R.A.; Agafonov, M.V.; Shashin, A.V. (2017) The influence of unauthorized redevelopment of premises on the hydraulic and thermal regime of the heating system // Housing and communal infrastructure. No. 3 (2). P.: 52-59.
- 5. Prati, D.; et al. (2020) A user-oriented ethnographic approach to energy renovation projects in multiapartment buildings // Sustainability. Vol. 12. No. 19. P.: 8179.
- 6. Yushchenko, N.A.; Gulyaev, A.D. (2020) Unauthorized change of real estate in the Russian Federation (rearrangement, redevelopment, reconstruction, change of functional purpose) // Socioeconomic and technical systems: research, design, optimization. No. 2 (85). P.: 135-144.
- 7. Filipovich, M.I. (2017) Redevelopment of premises in the historical center balances legitimacy and efficiency. How can we make the legal route more attractive? // Bulletin. Architect. 21 century. No. 1 (62). P.: 48-49.
- 8. Makeev, P.V. (2018) Issues of reconstruction and redevelopment of residential and non-residential premises in apartment buildings // Citizen and Law. No. 6. P.: 42-56.
- 9. Kutsina, S.I. (2019) Redevelopment and redevelopment of premises in apartment buildings: theoretical and law enforcement legal issues // Journal of Legal Research. Vol. 4. No. 3. P.: 31-33.
- 10. Aleshkevich, A.M.; Rzaeva, A.K. (2020) Gaps in the sphere of legal regulation of reconstruction and redevelopment of residential premises // Legal science. No. 5. P.: 61-63.
- 11. Rusin, A. (2012) Do what you want, but with permission! Redevelopment and redevelopment of residential premises: analysis of judicial practice // Housing Law. No. 12. P.: 43-58.

- 12. Markova, I.V. (2020) Legal regime of balconies and loggias in an apartment building // Legal science and practice. Vol. 16. No. 4. P.: 39-47.
- 13. Tatoyan, S.S.; Aramyan, S.A. (2023) Characteristic Illegal Changes in Multiapartment Buildings that Lead to Damage to the Buildings During the 1988 Spitak Earthquake / Proceedings of International Scientific Conference "Geophysical Processes in the Earth and its Envelopes", NOV 16-17, Tbilisi State University. P.: 18-22.
- 14. Vranic, P.; Vasilevska, L.; Haas, T. (2016) Hybrid spatialities: Multi-storey extensions of socialist blocks of flats under post-socialist transition in Serbia, the case of Nis // Urban Studies. Vol. 53. No. 6. P.: 1261-1277.
- 15. Barnabishvili, S. (2023) Housing System, Challenges, and Perspectives-The Case of Georgia // ESI Preprints. Vol. 19. P.: 88-88.
- 16. Kakhramonov, K.S.U. (2021) The main directions of improving the housing stock management system in the Republic of Uzbekistan // Theoretical & Applied Science. No. 9 (101). P.: 421.
- 17. Balzannikov, M.I.; Sheina, N.V. (2021) Redevelopment of residential premises in an apartment building and the rights of neighboring owners / Innovative potential for the development of science in the context of interdisciplinary research. Materials of the XXXV All-Russian Scientific and Practical Conference. Rostov-on-Don. P.: 224-226.

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