

Construction Management

### **Construction planing of 10 story dwelling in Vilnius, Saltoniškių street**

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Thesis language - Lithuanian

#### **Annotacion**

The technology and arrangement of construction of the multistory dwelling block of houses is settled in the final thesis for the bachelor's degree. The building is being constructed at Saltoniskiu street in the city of Vilnius. It is a ten-story reinforced concrete shell building, the majority of the stories of which are meant for equipping of the dwelling premises. The final thesis consists out of 5 parts: architectural, constructive, organizational, technological, economic. The general data of the building, the architectural-functional, constructive and fire-prevention solutions are submitted in the architectural part. The monolithic column of the underground car parking ground of the oval cross-section, the grate and the drill foundation are projected in the constructive part. Two different technological processes, i.e. the technology of the hydro-isolation installation and the technology of the roof lagging and the roller roofing installation, as well as their arrangement solutions are defined in the technological part.; The calculations, pertaining to the layout of the building lot, to the temporary engineering networks, to the storage grounds and to the temporary lighting; selection of the tower crane, the issued calendar schedule of the jobs execution, the schedules on the demand for workers, mechanisms and materials are submitted in the organizational part. Two local estimates of expenditures of the object, the object estimate of expenditures and the cumulative jobs calculation are calculated in the economic part. Each part of the final thesis is provided with the graphic part. The graphic part of the final thesis consists out of six technical drawings of the format A1. The thesis also consists out of the introduction, conclusion and the list of literary sources. The volume of the thesis: 76 textual pages, 32 pictures, 22 tables and 16 bibliographical sources.

**Keywords:** Prasminiai žodžiai: apkrova, gręžtiniai poliai, gyvenamasis namas, hidroizoliacija, kalendorinis grafikas, kolona, rostverkas, sąmata, stogas, statybvietės planas, technologinė kortelė.