

Construction Management

The building of 14 th flats in Naujasis Lentvaris vilage near Lentvaris building project

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Annotation

The final work investigates into: architectural, structural, technological, organizational and economic issues. The final work comprises the following parts: 1.The architectural part. The explanatory note part presents the basic technical indicators relating to the project and description of its basic structures and materials. The graphic part provides drawings of: the layouts of the other storeys, the facades evolventes, cross-section B-B. 2.The structural part. It provides the calculation of balcony construction. The graphic part provides drawings of: layout of balcony, reinforcement of balcony construction. 3.The technological part. It covers the following issues: calculations necessary to draw up for technological cards relating to such works as vibromonolithic piles of building, facade heat insulation, and the explanatory notes to technological cards. The graphic part provides the drawings of: technological cards related to vibromonolithics piles of building works, facade heat insulation. 4.The organisational part. It covers: the selection of headcrane, calculations of a building site layout and of a calendar schedule. The graphic part gives the building site layout and the calendar schedule for the execution of construction works. 5.The economic part. This part offers the estimation of local and overall project costs as well as a consolidated estimate of the total value of project.

Keywords: Gyvenamasis namas, Naujasis Lentvaris, architektūrinė dalis, konstrukcinė dalis, technologinė dalis