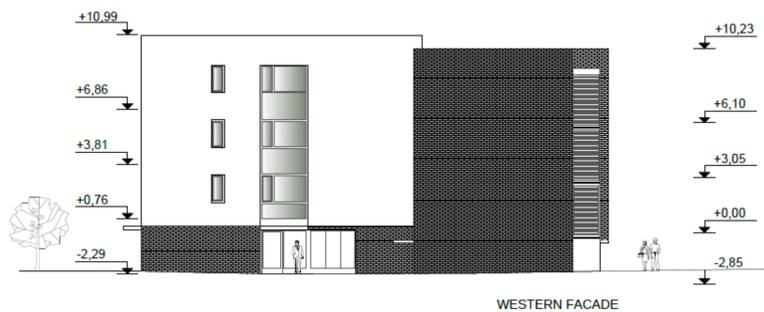


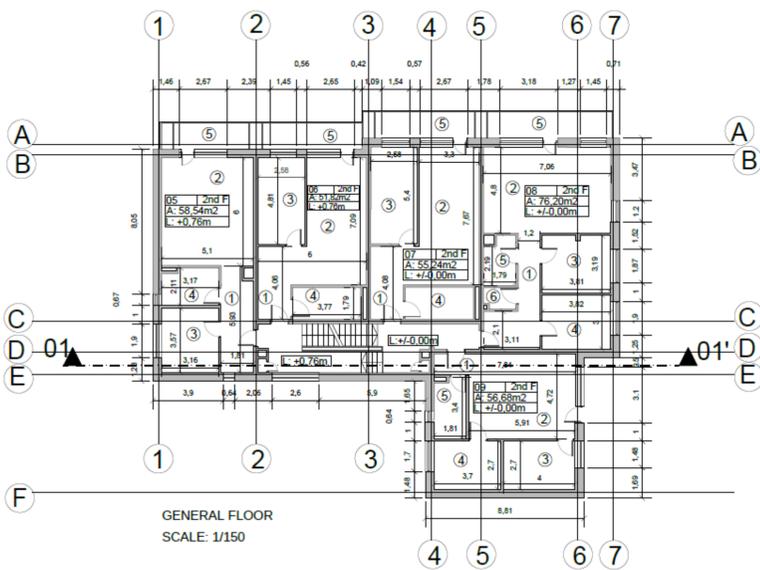
CONSTRUCTION PLANNING OF THE RESIDENTIAL BUILDING AT ZIRMUNAI STR. 1L IN VILNIUS.

INTRODUCTION: The object of the project is the study and organization of the construction of a residential building at Zirmunai street in Vilnius, Lithuania. The project is divided in three parts:



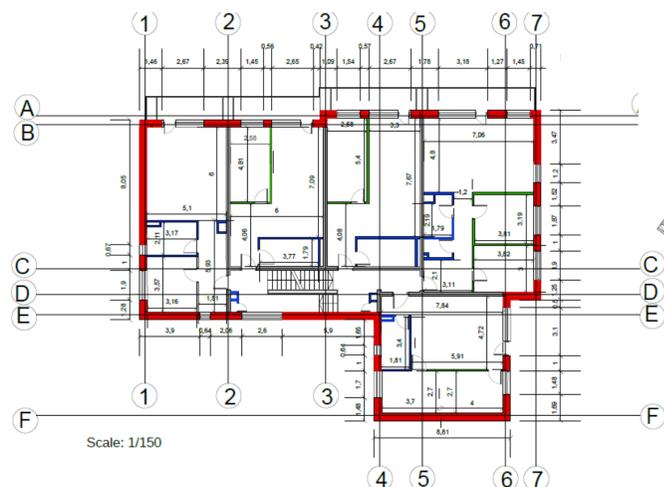
1. ARCHITECTURAL PART.

Here is described the main characteristics of the building. It is a four-storey building with 19 apartments and two garages. The Building is placed next to the river Neris and very close to the center of the city.

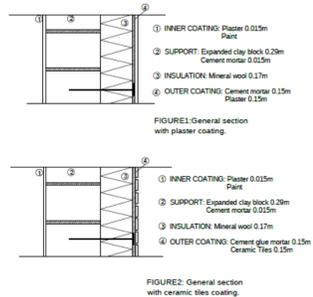


2.1 TECHNOLOGICAL CARDS: MASONRY WORKS.

In this card we are going to talk about the masonry works of the outside walls. They are composed of expanded clay blocks and they are going to be part of the structure. The outside walls are going to be part of the structure as there are no pillars in the project.



TWO KINDS OF OUTSIDE WALLS



2. TECHNOLOGICAL CARDS: Where is developed three different parts of the construction, with the different materials, human safety, economical indicators, quality control and description of technology and sequence of works. There are three **technological cards, masonry works, flooring works and roof works.**

3. ORGANIZATION PART.

There is a description of a construction masterplan. Here is developed all we need to start the work, as temporary buildings and temporary supplies, election of crane, storage area...

ORGANIZATION OF WORKS



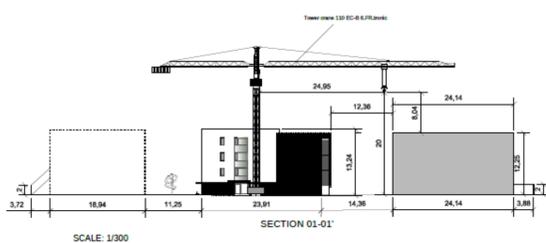
TECHNICAL-ECONOMIC INDICATORS

	UNITY PRICE (€/m2)	AREA (m2)	PRICE (€)
EXPANDED CLAY BLOCK WALL	37,44	823,77	30.841,95

WORK	PERFORMANCE (h/m2)	AREA (m2)	NR WORKERS	HOURS (h/day)	DAYS
MASONRY OUTSIDE WALLS	0,438	823,77	5	8	9

TOLERANCES

	Position	Tolerance (mm)
Plumb deviation	In floor	20
	In the Building	50
Axiality		20
Flatness	In 1m	5
	In 10m	20
Thickness		+/- 25



LEGEND	
1	Access
2	Vehicle access
3	Office
4	Temporary building for storage
5	Temporary building for workers
5.1	Dinning room
5.2	Showers and toilets
6	Construction safety and information sign
7	Access control
8	Container
9	Crane
10	Fence
11	Temporary water supply counter
12	Temporary electricity supply counter
13	Existing building
Temporary electricity network	
Temporary water network connection	
Temporary water network connection	
Temporary lighting	
Temporary road for vehicles	
Temporary safety roof	
A	Existing building
B	Building under construction
C	Future Building

