



1. Technical Project

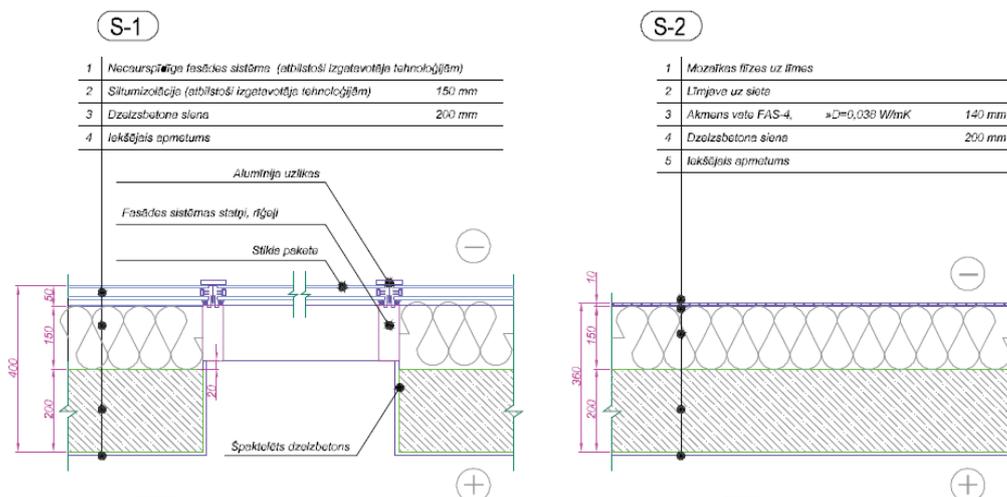
Uncompromising and high standards

The Home is located in Jurmala, 32 Dzirnau Str., in the enclosed comfortable area of 2000 square meters. The three-storied building consists of 21 apartments ranging from 55 to 166 square meters, and with the possibility of combining. Each apartment has a balcony, terrace or individual site. The spacious lobby provides a place for a concierge, and a fireplace for entertaining guests. The house is equipped with autonomous gas boiler rooms, and apartments – with convectors installed into the floor with the option to regulate temperature. The house has two noiseless, high-speed, panoramic elevators *Kone* with carrying capacity of 600 kg. Closed underground parking garage, equipped with forced ventilation with sensors for CO₂ and the sprinkler system has been planned for 25 car places. Day-and-night security: cameras video surveillance, intercoms, apartment connection to the alarm system with output to the control of the security company, chip-card access, automatic doors, operable with remote control, ensure the safety of tenants.

In drawing up The Home technical project, the stipulated parameters outreach certain construction regulations of the European Union and meet the high requirements of reliability and comfort.

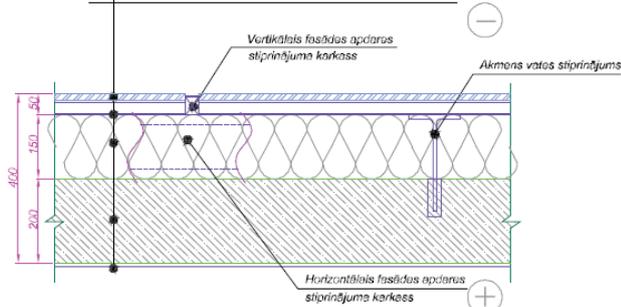
Foundation: reinforced concrete piles with a grillage. Frame: reinforced concrete columns and floors without girders. Type of load bearing structures: reinforced concrete, exterior walls in the basement of 300 mm.

Exterior walls: reinforced concrete of 200 mm, plus 150 mm heat, sound insulation (rock wool WAS 35/FAS-4) and facade systems with opening windows / mosaic facade tiles / wooden decorative elements made of larch / facade system with wooden decorative elements made of larch.



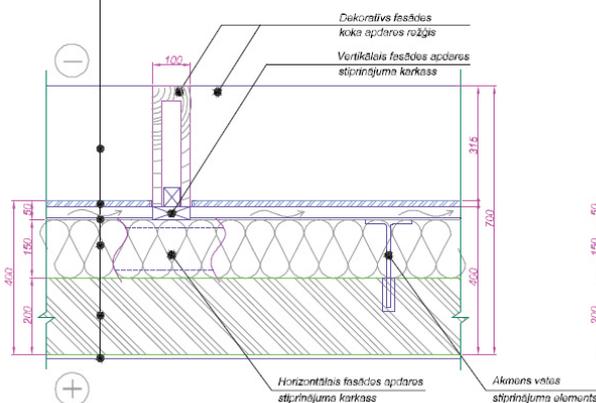
S-3

1	No aizmugures krāsots stikls	
2	Armēta pretvēja plēve	
3	Akmens vata WAS 35, $\mu D=0,033 \text{ W/mK}$	150 mm
4	Dzīzelbetona siena	200 mm
5	Iekšējais apmetums	



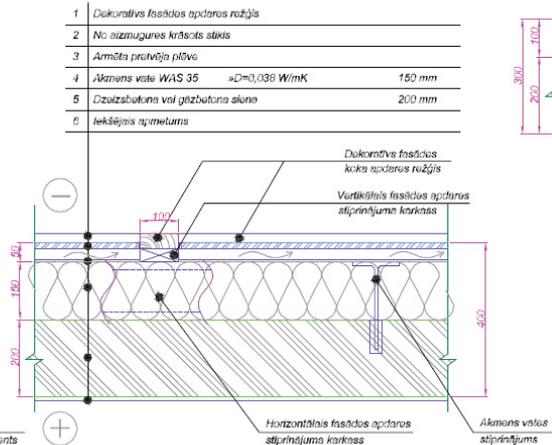
S-4

1	Dekoratīvs fasādes apdarus rožģis	
2	No aizmugures krāsots stikls	
3	Armēta pretvēja plēve	
4	Akmens vata WAS 35, $\mu D=0,035 \text{ W/mK}$	150 mm
5	Dzīzelbetona vai gāzbetona siena	200 mm
6	Iekšējais apmetums	



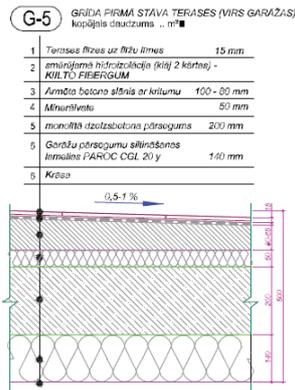
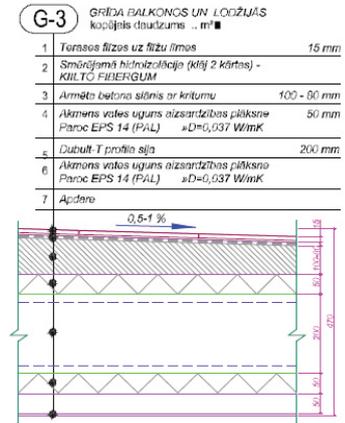
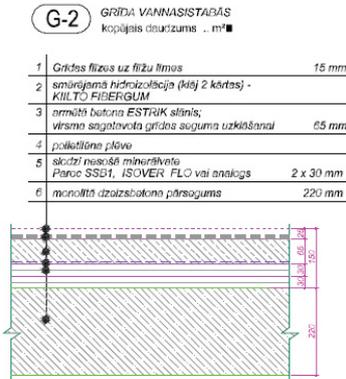
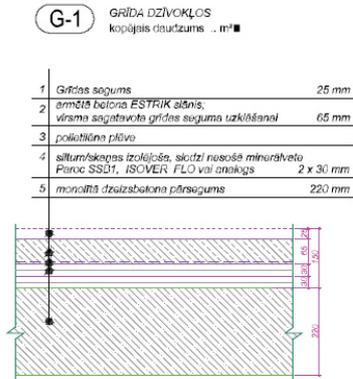
S-5

1	Dekoratīvs fasādes apdarus rožģis	
2	No aizmugures krāsots stikls	
3	Armēta pretvēja plēve	
4	Akmens vata WAS 35, $\mu D=0,035 \text{ W/mK}$	150 mm
5	Dzīzelbetona vai gāzbetona siena	200 mm
6	Iekšējais apmetums	

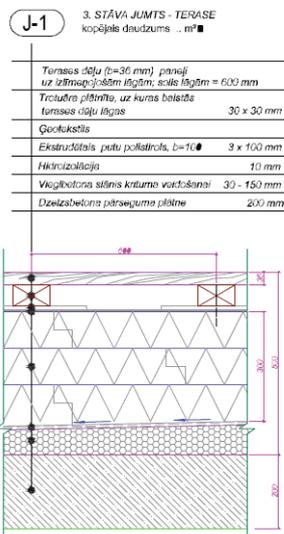


Partitions between apartments made of lightweight concrete with thickness of 150 mm, 50 mm rock wool, and lightweight concrete of 150 mm, plus plaster on both sides. Internal walls and partitions are made of plasterboard, construction of “sandwich” type: two slabs of plasterboard with 12.5 cm thickness, a layer of insulation of 10 cm, two slabs of plasterboard of 12.5 cm.

Floors in apartments: flooring of 25 mm, layer of reinforced concrete of 65 mm, plastic film, heat, sound insulation 2x30 mm, 220 mm reinforced concrete. Bathroom floors: tiles, tile glue 15 mm, two layers of waterproofing, a layer of reinforced concrete 65 mm, plastic film, heat, mineral wool bearing a load of 2x30 mm, 220 mm reinforced concrete.



Roof construction: operated, flat, and for apartments on the upper floors with entrance to the terrace.





Ventilation system: airflow through sewers, located in the walls of the facade. The apartments are provided with a system for mechanical ventilation with function recovery, which is offered as an option. Forced exhaust is made through bathrooms and kitchens, as well as through public spaces. Stairwells are provided with a system of air supply, giving positive pressure.

Heating: technical parameters of heating are predetermined by Latvian regulations. The house is equipped with autonomous gas boiler rooms. Impulse heat meters for apartments, public spaces and commercial areas are located centrally in the basement. The public areas are provided with a separate heating system. The apartments: along all the glassed walls there are convectors installed into the floor or radiators with temperature control. An electric floor heating in bathrooms provides extra comfort. In the shower room and bathroom there are floor heating and heated towel rails. The air conditioning system is designed for every room and is offered as an option.

Water supply: the building is equipped with filters of clean city water.

Electricity: meters of each room are displayed centrally in the basement under each stairwell. Additional lighting is designed for terraces, facades, courtyards and public areas. Stairwells are equipped with light motion sensors.

Fire alarm system: sensors are installed in the stairwell and one in each apartment.

Burglar alarm: alarm with output to the control of the security company and programmable digital cards for tenants.

Underground parking for 25 cars, closed, equipped with forced ventilation with sensors for CO2 and sprinkler system. Automatic gate is opening with remote control.

The house is equipped with two silent, high-speed, panoramic elevators *Kone* with carrying capacity of 600 kg. Elevators are not standard, of an exclusive bundling, made specifically for the project; the entrance door is 2,40 meters high.

All public areas of the house are provided with the musical underscoring, including parking and elevators. The building is also supplied with the phone lines, high-speed fiber optic Internet and TV.

Completion date: the third quarter of 2012.