





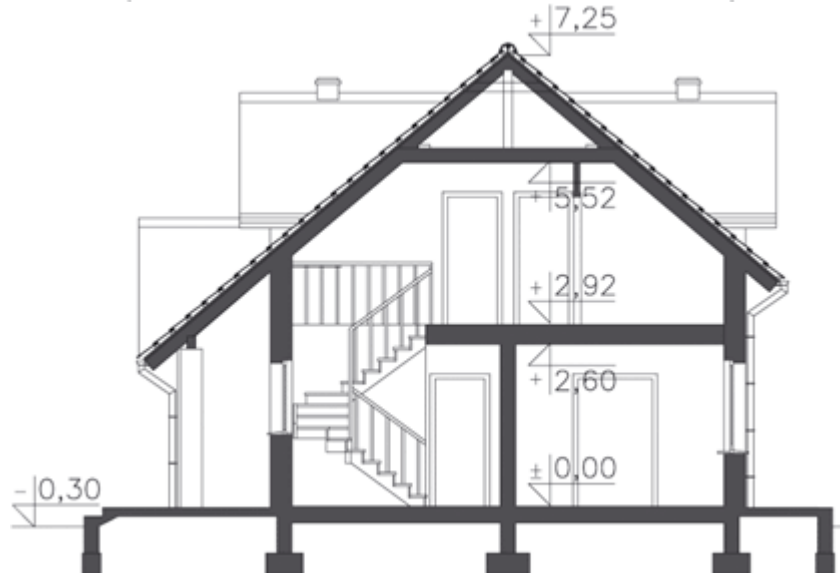
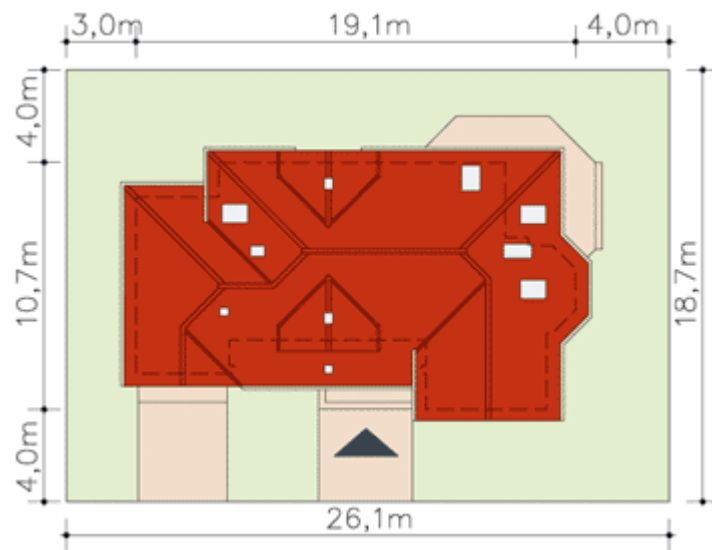
### I korrus 119,7 m<sup>2</sup>

|               |                     |
|---------------|---------------------|
| 1.1 Tuulekoda | 4,6 m <sup>2</sup>  |
| 1.2 Koridor   | 9,8 m <sup>2</sup>  |
| 1.3 Köök      | 11,7 m <sup>2</sup> |
| 1.4 Söögituba | 12,2 m <sup>2</sup> |
| 1.5 Elutuba   | 33,0 m <sup>2</sup> |
| 1.6 Tuba      | 14,2 m <sup>2</sup> |
| 1.7 Vannituba | 4,1 m <sup>2</sup>  |
| 1.8 Teh ruum  | 7,2 m <sup>2</sup>  |
| 1.9 Garaaz    | 22,9 m <sup>2</sup> |



### II korrus 70,4 m<sup>2</sup>

|               |                                            |
|---------------|--------------------------------------------|
| 2.1 Hall      | 15,4 m <sup>2</sup> (17,1 m <sup>2</sup> ) |
| 2.2 Tuba      | 11,0 m <sup>2</sup> (14,2 m <sup>2</sup> ) |
| 2.3 Tuba      | 9,1 m <sup>2</sup> (14,2 m <sup>2</sup> )  |
| 2.4 Vannituba | 6,9 m <sup>2</sup> (9,8 m <sup>2</sup> )   |
| 2.5 Tuba      | 8,8 m <sup>2</sup> (15,0 m <sup>2</sup> )  |
| 2.6 Tuba      | 19,2 m <sup>2</sup> (28,9 m <sup>2</sup> ) |



Maja

Suletud netopind 190,2 m<sup>2</sup>

Kasulik pind 160 m<sup>2</sup>

Hoone maht 902 m<sup>3</sup>

Vundament - lintvundament või plaatvundament. Ehitamine paekivile.

Välisseinad ja kandvad seinad (joonisel paksemad jooned) on kiviseinad (Fibo, Aeroc või Thermoblock e. penoplast mis on seest täidetud armeeritud betooniga). Soojustus valida vastavalt valitud seinamaterjalile.

Mittekandvad seinad võivad olla karkasseinad.

Siseseinte viimistlus – tasandussegu või kipsplaat, seinad värvitud

Vahelagi I ja II korruse vahel valubetonist või armeeritud thermoblock pluss betoonvalu.

Katus – plekk, Rannila või analog, katuse karkass puit sõrestikul.

Välisfassaad krohvitud ja värvitud.

Esimese ja teise korruse põrandad - laminaat parkett (180 eek/m<sup>2</sup>), vannitoas, köögis, esikus ja saunas kähhelplaat (180 eek/m<sup>2</sup>)

Siseuksed on valged profiiluksed.

Trepp – õhuline puittrepp või metallkarkassil trepp, astmed tamm või imitatsioon.

Aknad – puit, 2k klaaspakett selektiivklaasiga. Katuseaknaid 4 tk.

Küte – vesipõranda küte I ja ka II korrusel, gaasikatel, sooja vee boiler 180 L.

Niisketes ruumides sundventilatsioon (väljatõmme).

Kamin - malmsüdamikuga, korsten laotud.

Sauna leiliruum tuleb the ruumi (nr.1.8) arvelt. Sauna vooderdus haab või lepp, klaasuks.

Garaazi uks ülestõstetav, põrand valatud, tolmuva, äravoolutrapp.

Antud kirjeldus on mõeldud esialgse hinnapakkumise tegemiseks. Võimalik valida erinevaid tehnoloogiaid, et ehituse maksumus tuleks madal, kuid kvaliteet jääks tasemele.

Outer walls: our designs are elaborated with such a way that they may be realized according to various building technologies without necessity of entering any adaptation changes.

We are proposing following technological and material solutions of outer walls and load carrying inner walls:

1. Two-layer wall from cellular concrete "Prefbet" version 600 of 34cm thickness (24cm of cellular concrete + 10cm of foamed polystyrene / mineral wool "Rockwool"), coefficient  $U_0 = 0,26\text{W/m}^2\text{K}$ .
2. Two-layer wall from porous ceramics "Porotherm" of 35cm thickness ( 25cm of ceramic material + 10cm of foamed polystyrene / mineral wool "Rockwool"), coefficient  $U_0 = 0,27\text{W/m}^2\text{K}$ .
3. Two-layer wall from keramzyt-concrete "Optiroc" of 34cm thickness (24cm keramzyt-concrete block + 10cm of foamed polystyrene / mineral wool "Rockwool")
4. Two-layer wall according to technology "Silka" of 30cm thickness. (18cm plus 12cm of mineral wool), coefficient  $U_0 = 0,29\text{W/m}^2\text{K}$ .

or one-layer walls:

1. One-layer wall from cellular concrete "Prefbet" version 500 of thickness 36cm, coefficient  $U_0 = 0,30\text{W/m}^2\text{K}$ .
2. One-layer wall from porous ceramics "Porotherm" of thickness 38cm (or 44cm), coefficient  $U_0 = 0,35\text{W/m}^2\text{K}$ . (or  $U_0 = 0,31\text{W/m}^2\text{K}$  for walls 44cm)
3. One-layer wall from keramzyt-concrete "Optiroc" of thickness 36,5cm, coefficient  $U_0 = 0,29\text{W/m}^2\text{K}$ .

**Inner structural walls:** built of bricks, thickness 0,24-0,25m depending on applied technology.

**Foundation walls: built of concrete blocks M-6, thickness 0,24m**

**Division walls:** framework construction covered with fibre-gypsum panels "Fermacel" of 12,5mm thickness

**Ceilings:** in some one-storied houses they are of wood; in two-storied houses they are made of reinforced concrete with narrow spaced ribs.

**Roofs:** Steep roofs are covered with cement roofing tiles of "Braas" type or with ceramic tiles of "Rupp ceramika" type or with steel sheets like tiles of "Plannja" type. Flat roofs and roofs with small slant or non-typical roofs are covered with galvanized steel sheets or with thermo-weldable tar paper.

**Raster framing:** made of wood.

**Thermal insulation:** for roofs - mineral wool "Rockwool"; for walls, ceilings and floors - foamed polystyrene or mineral wool "Rockwool"

**Stairs:** made of wood.