

ARHITEKTUURI VALITSUS
ENSV. MINISTRITE NÕUKOGU JUURES

INDIVIDUAALELAMUTE
PROJEKTIDE ALBUM

I OSA



VABARIIKLIK PROJEKTEERIMISE INSTITUUT
"ESTONPROJEKT"

1954. A.

A. Kaeti EKV tüüprojekte.

1. Viieosalise kivist individuaalselelenu projekt nr. 100-6 (autor arh. E. Laasi)
2. Neljetoalise kivist individuaalselelenu projekt nr. 100-3 (autor arh. E. Laasi)
3. Neljetoalise puidust individuaalselelenu projekt nr. T-11-P (autor arh. G. Jann).
4. Neljetoalise kivist individuaalselelenu projekt nr. T-12-P (autor arh. G. Jann).
5. Neljetoalise kivist individuaalselelenu projekt nr. T-19-P (autor arh. E. Velbril).
6. Kahetoalise puidust individuaalselelenu projekt nr. T-43-P (autor arh. G. Jann).
7. Kahetoalise kivist individuaalselelenu projekt nr. T-43-P (autor arh. G. Jann).

B. Kõrduvaks kahtamiseks soovitatud projekte.

8. Kahetoalise puidust individuaalselelenu projekt.
9. Kahetoalise kivist individuaalselelenu projekt.
10. Kolmetoalise puidust individuaalselelenu projekt.
11. Kolmetoalise kivist individuaalselelenu projekt.
12. Neljetoalise puidust kivivõõdriga individuaalselelenu projekt.
13. Neljetoalise kivist individuaalselelenu projekt.
14. Neljetoalise kivist individuaalselelenu projekt.
15. Viieosalise kivist individuaalselelenu projekt.
16. Viieosalise kivist individuaalselelenu projekt.

-VIIEKOALISE INDIVIDUAALURBaanEhituse projekt.

EBSV Arhitektuuri Valituse arv nr 166-6

aotar arh. E. Laasi.

Tehno-ökonomilised näitajad:

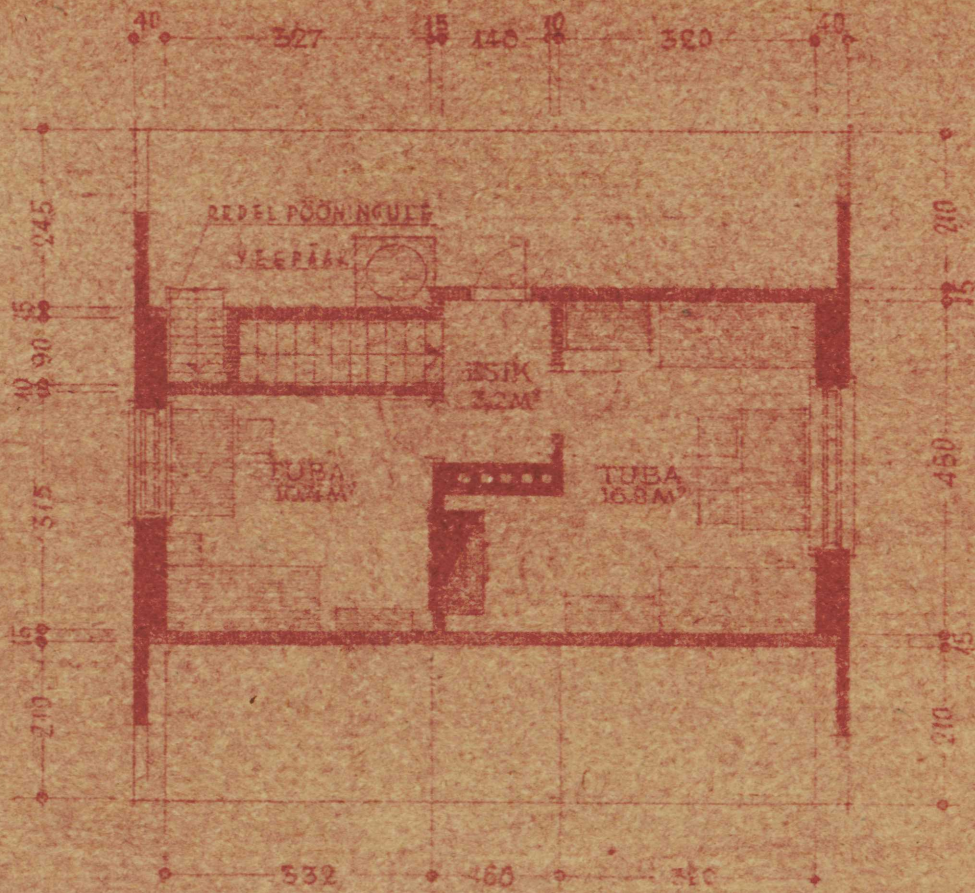
		Variandi võrdluseks.
1. Ehitusalune pind	38,6 m ²	90,7 m ²
2. Maapealne kubatuur	439,0 m ³	471,0 m ³
3. Keldriosa kubatuur	497,0 m ³	538,0 m ³
4. Alaspinne	67,0 m ²	67,0 m ²
5. Kasutlik pind	92,0 m ²	102,6 m ²

$$K_1 = \frac{\text{alaspinne}}{\text{kasutlik pind}} = \frac{67,0}{92,0} = 0,72 \quad \frac{67,0}{102,6} = 0,64$$

$$K_2 = \frac{\text{maapealne kubatuur}}{\text{alaspinn}} = \frac{439,0}{67,0} = 6,4 \quad \frac{471,0}{67,0} = 7,0$$

Põhikonstruktsioonide iseloomustus.

Alusmüürid - leeduslikust viivist; välisseinad - nn. Harju sein; tšitšige välissein või kõrgtallistest sein; vaheseinad - puidust sõrestikseinad; vaheseinad - pesuköögil betoonist, aluruumides punnitud laudsest, vannituba ja tualetikoja ketlaab; trepid - keldris ja väljas poest, elukorrustel puidust; katvus - kivi või storiit.



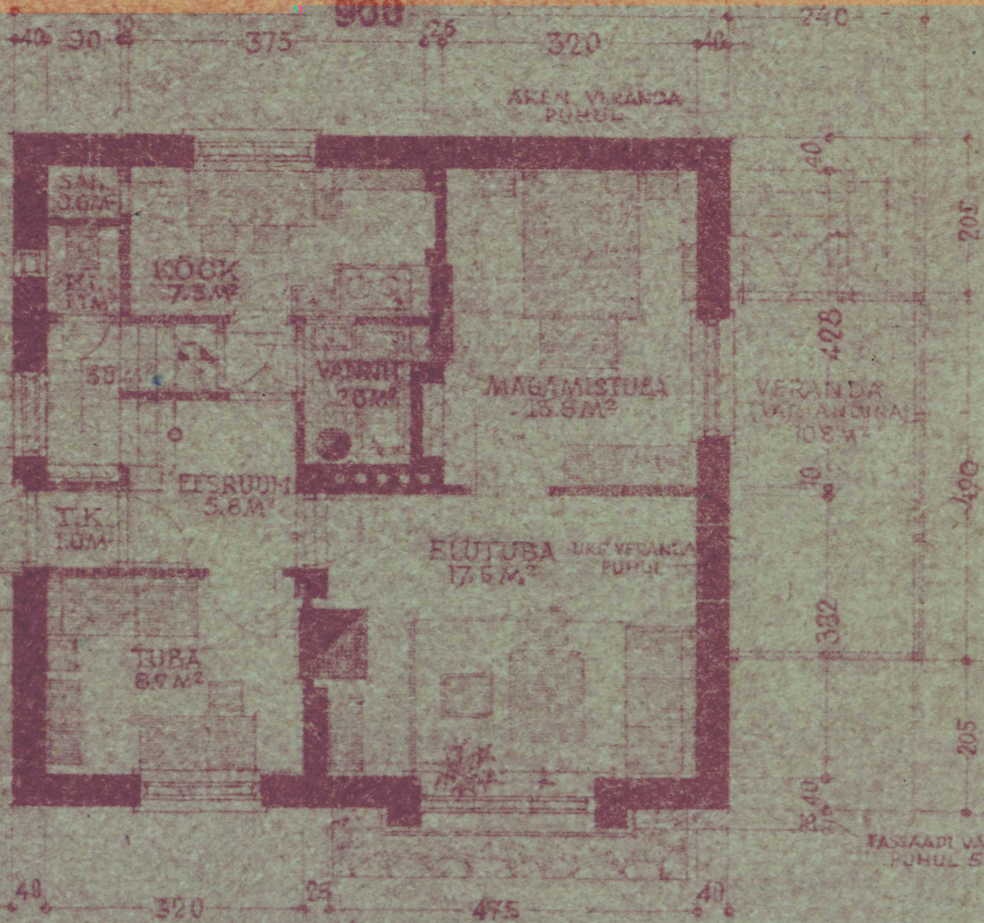
KATUSEKORRUS

RIVISEIN
PUITSEIN



D

900



RÕHKORRUS



A

F

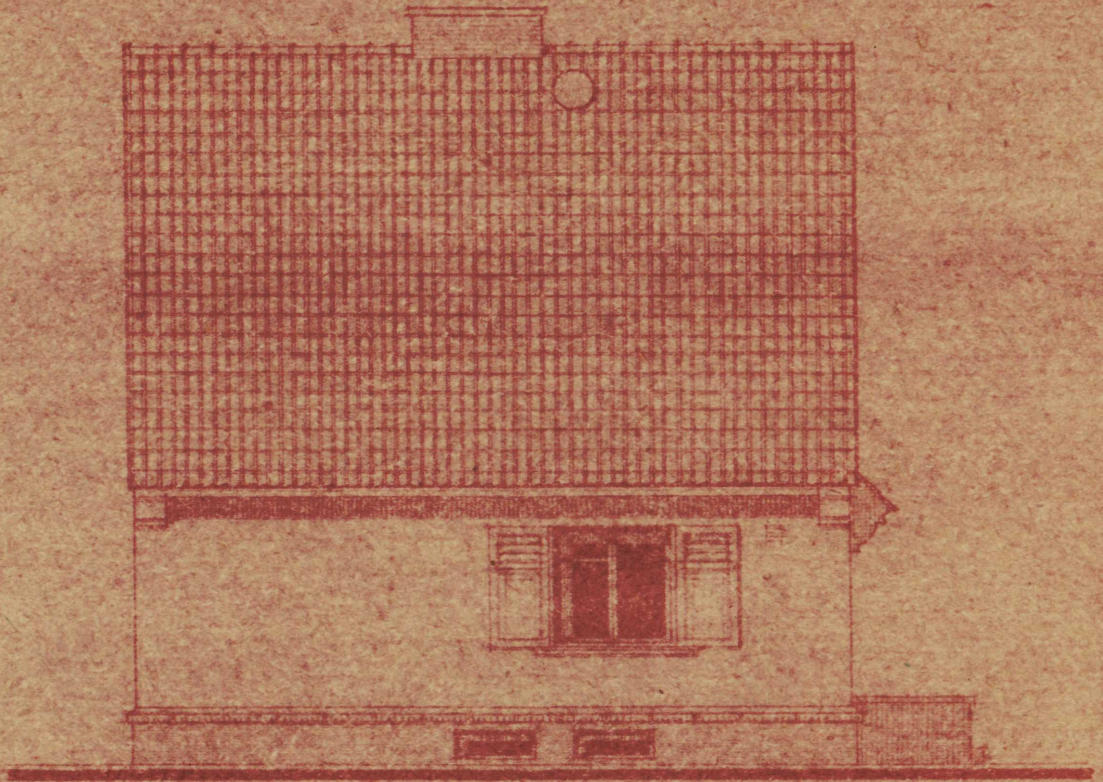


VAADE A

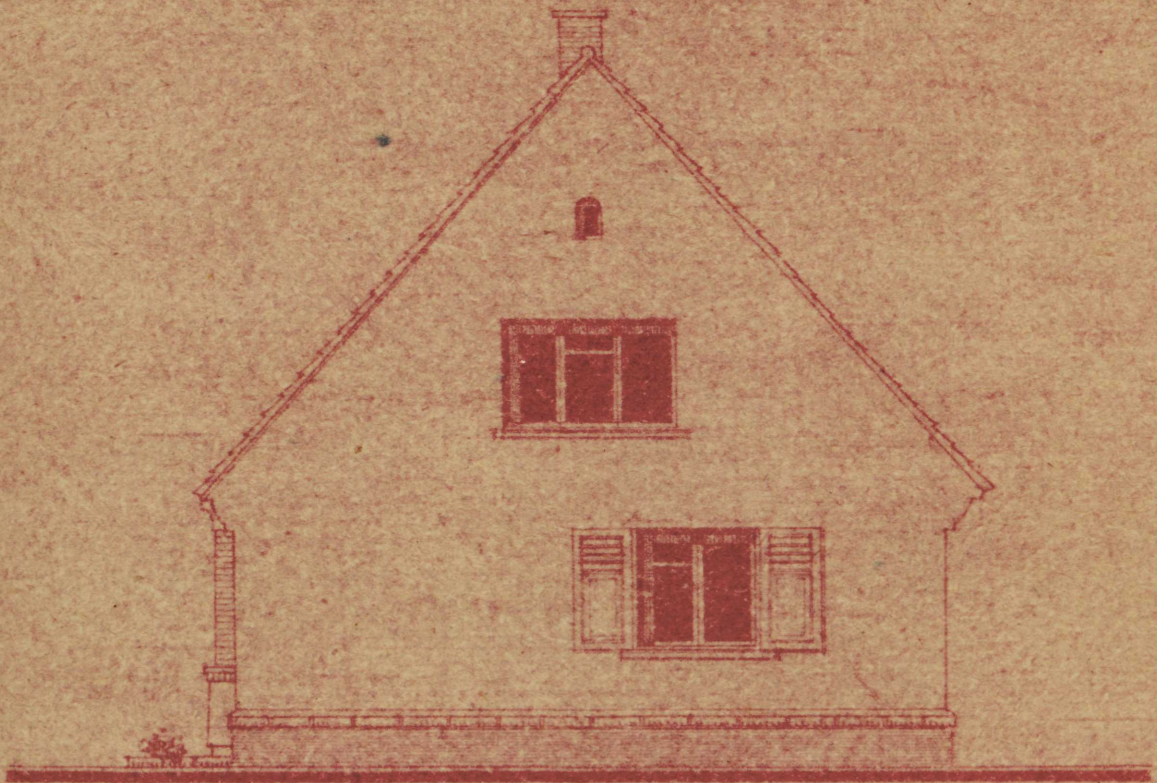


VAADE B

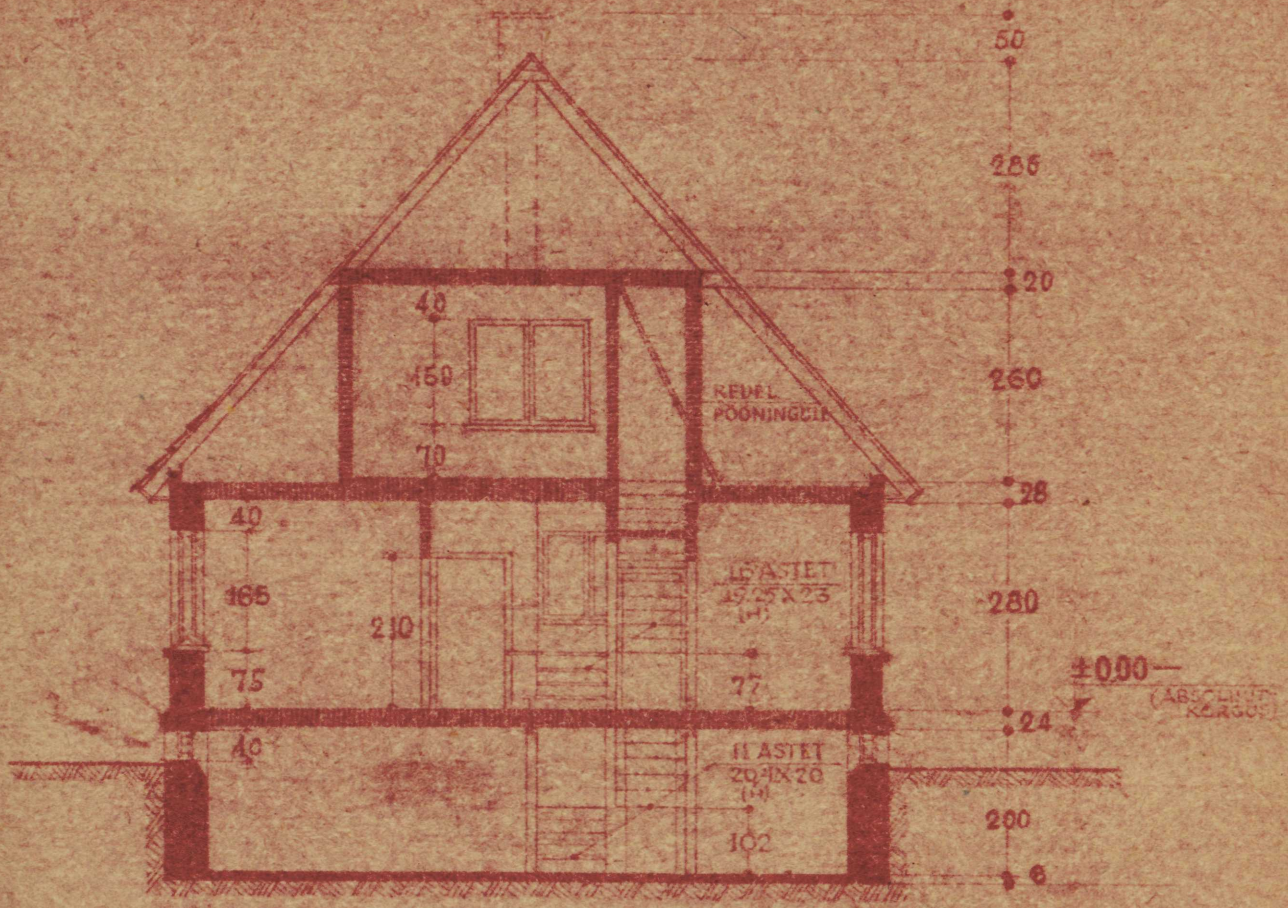
KELLERDAMATA VARJANDIL
KELDRI AKNAO PUU DUVAD



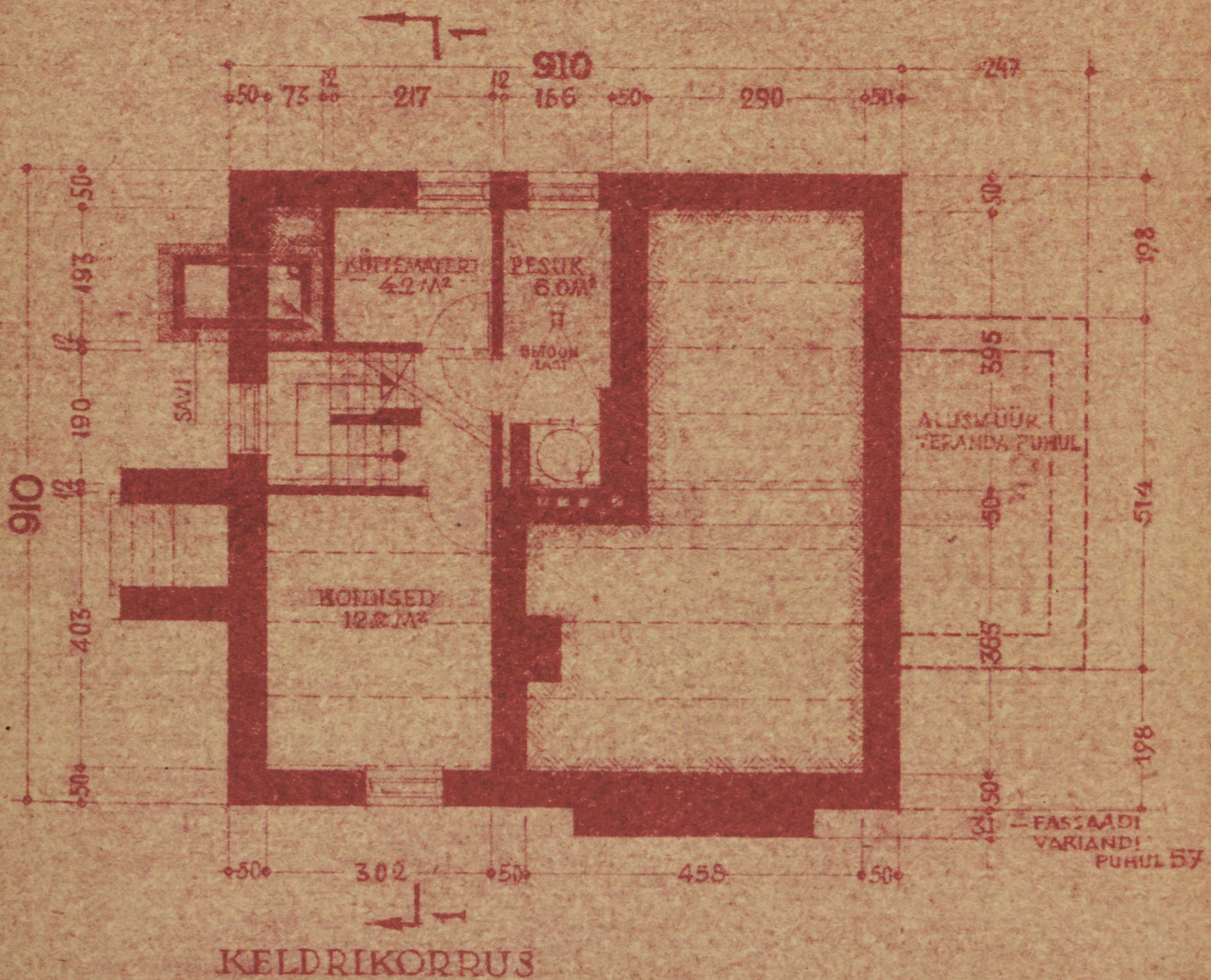
VAADE D



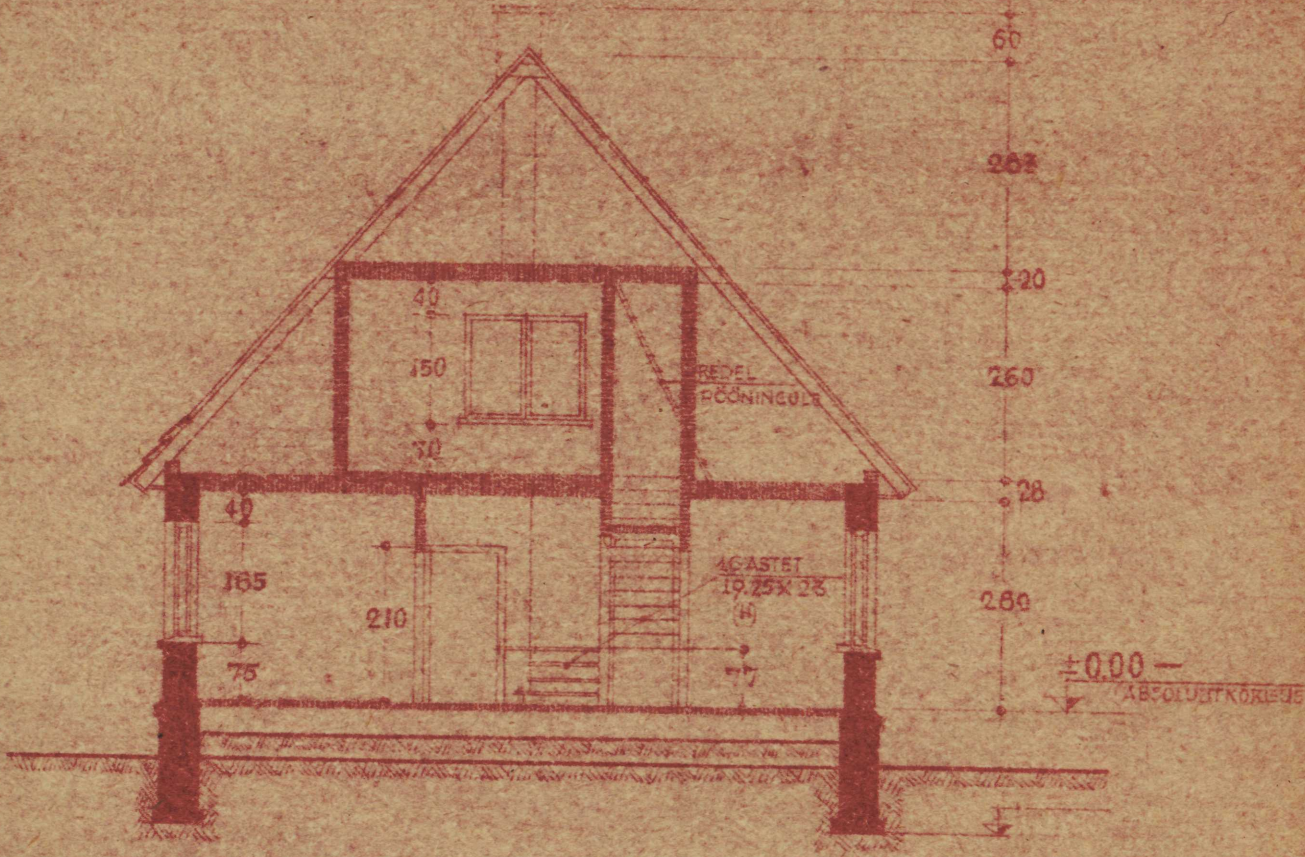
VAADE E



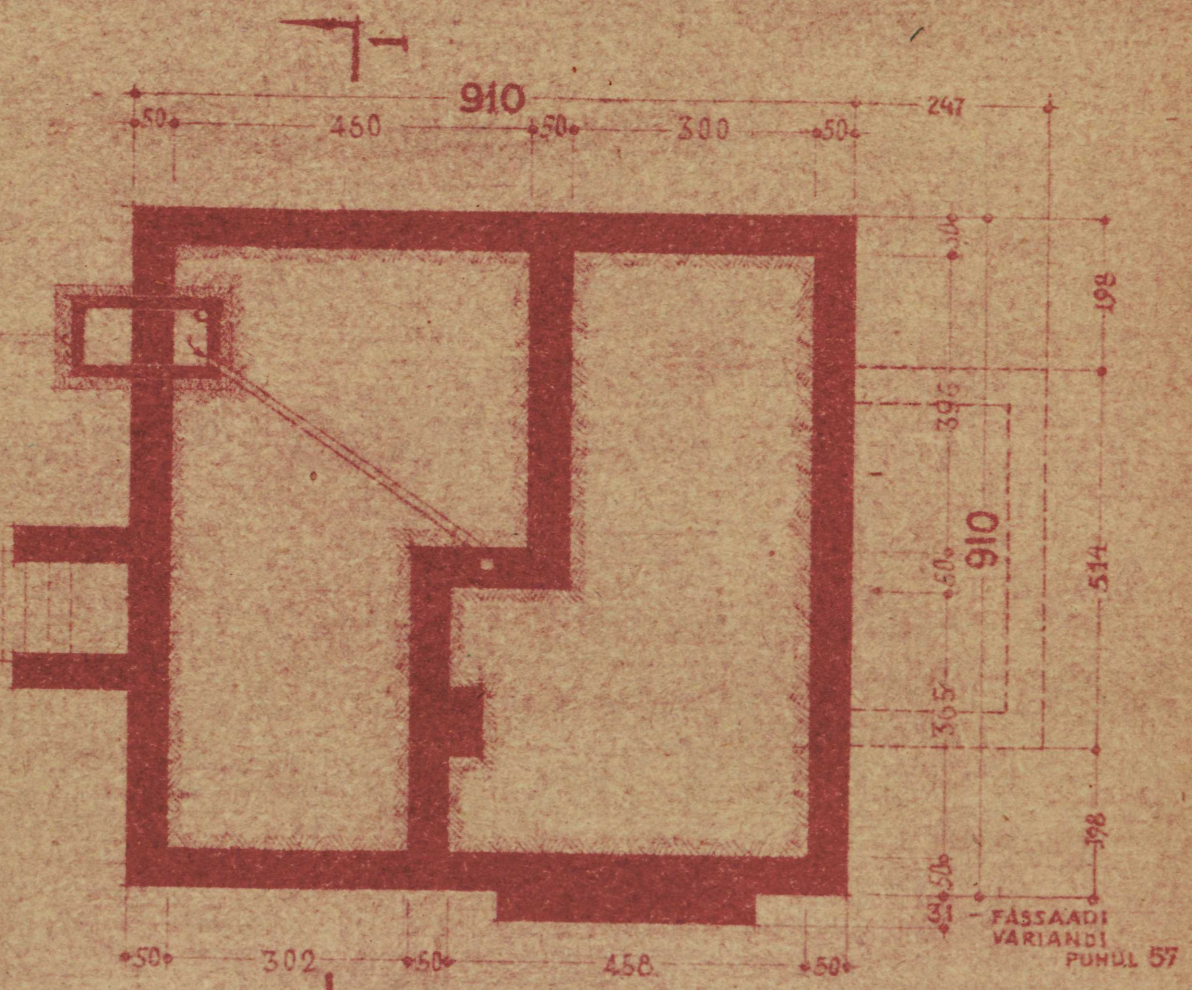
LÕIGE 1-1



KELDRIKORRUS



LÕIGE 1-1



ALUSMÕÜRID

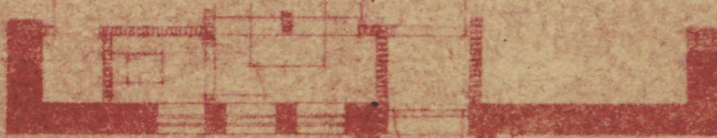


VAADE A



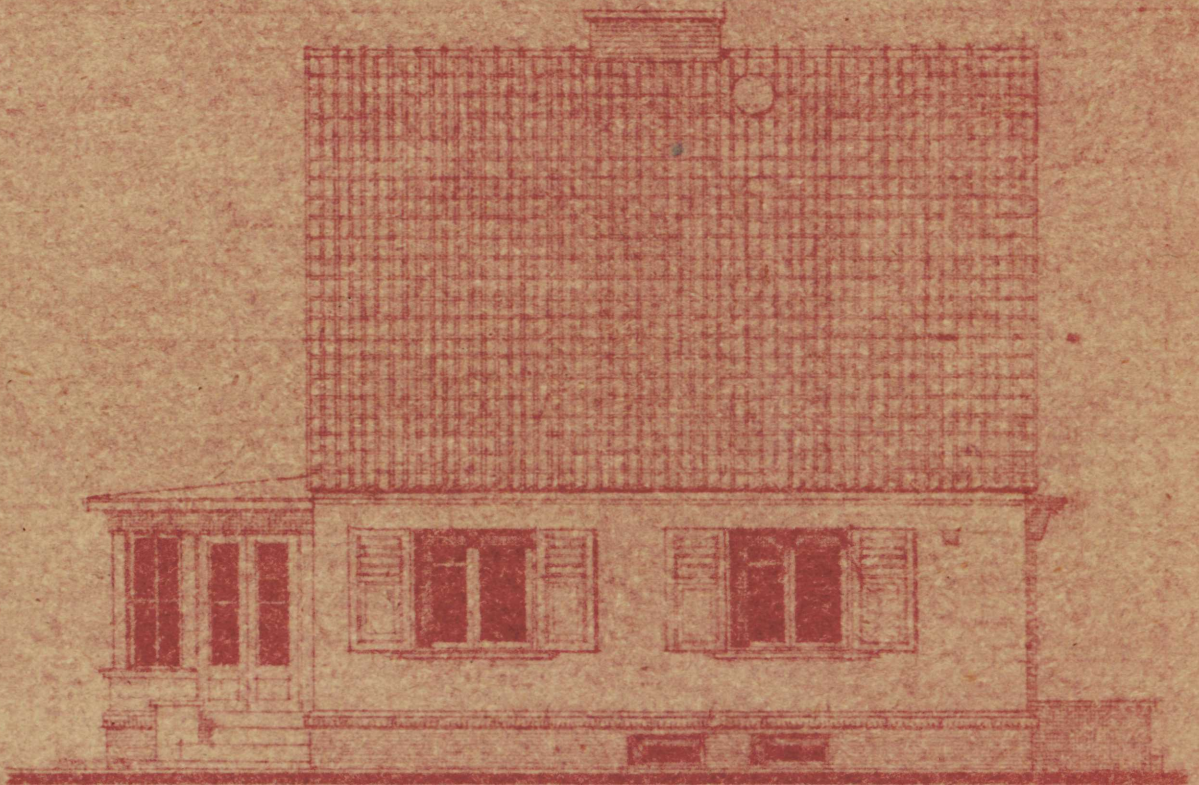
VAADE B

VÄLJAVÕTE PÕHIPLAANIST





VAADE E



VAADE D

NEELJALGALINE INDIVIDUAALMAMU PHIDUSTROJEKT.

ENSV Arhitektuuri Valitsuse tuup

166-5.

Autor: arh. N. Kassi.

Tehase-ökonoomilised näitajad:

1. Pihitusalune pind	70 m ²
2. Maapealne kubatuur	350 m ³
3. Keldri-ga kubatuur	407 m ³
4. Eluainepind	52,7 m ²
5. Kasulik pind	93,82 m ²

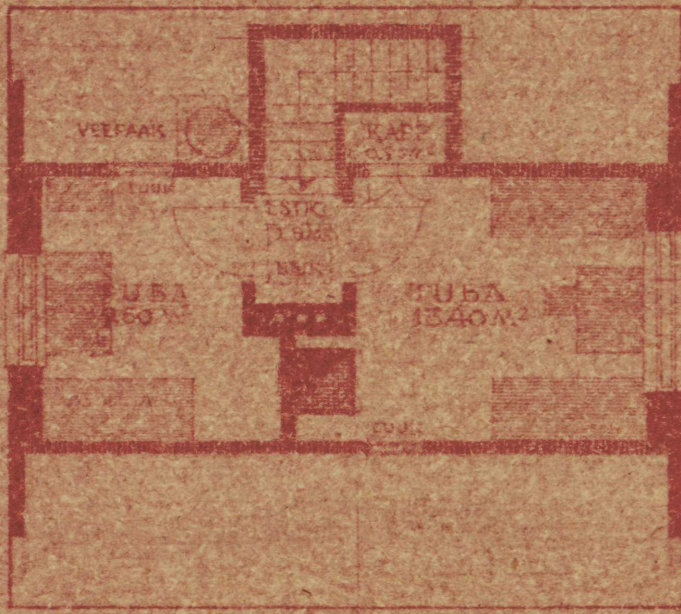
$$X_1 = \frac{\text{eluainepind}}{\text{kasulik pind}} = \frac{52,7}{93,82} = 0,56$$

$$X_2 = \frac{\text{maapealne kubatuur}}{\text{eluainepind}} = \frac{350}{52,7} = 6,6$$

Põhikonstruktsioonide iseloomustus.

Alusmüürid - looduslikust kivist; välissseinad - nn. harju sein, väitega telliseain või kergtelliseain; vaheseinad - puidust sõrestikkseinad; vahelaud - pesuköögil betoonist, mujal puitteludel termoliittäitega; põrandad - keldris betoonist, aluruumides puitunud laudadest, vaheritser ja tuulekojale metallahh; trenid - keldris ja väljas paast, alukorustel puidust; katuse - kivi või betoonist.

367 236 18 240 140



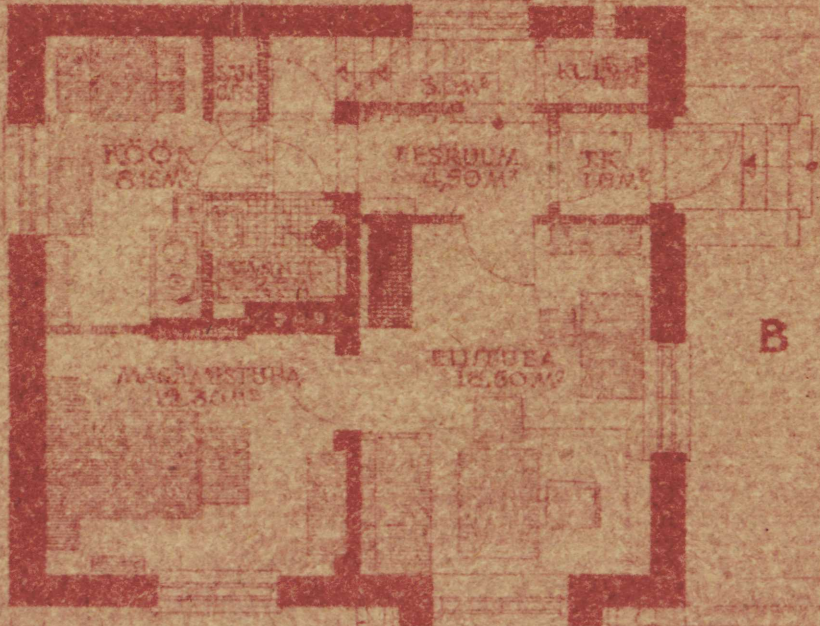
KATUSEKORRUS

 KIVISEIN
 PUUTSEIN

D

850

200 10 162 4 920 10 137 16
162 50



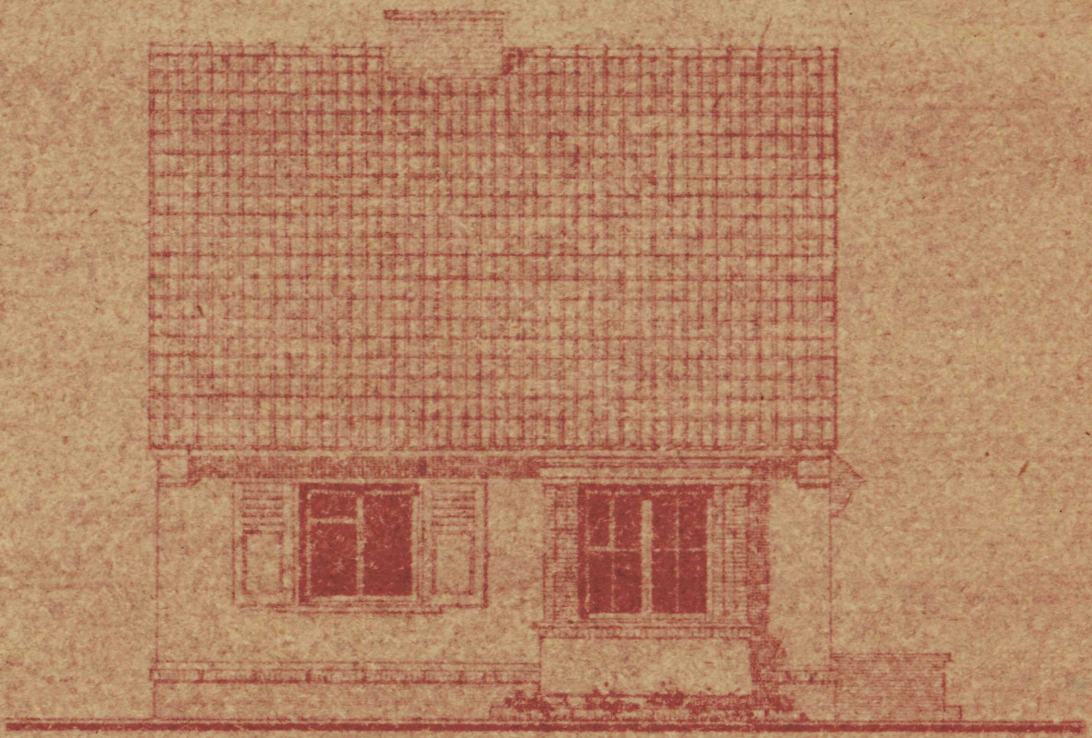
E

800

B

TALTIKORRUS
V. 2. KATU
TUKES 52

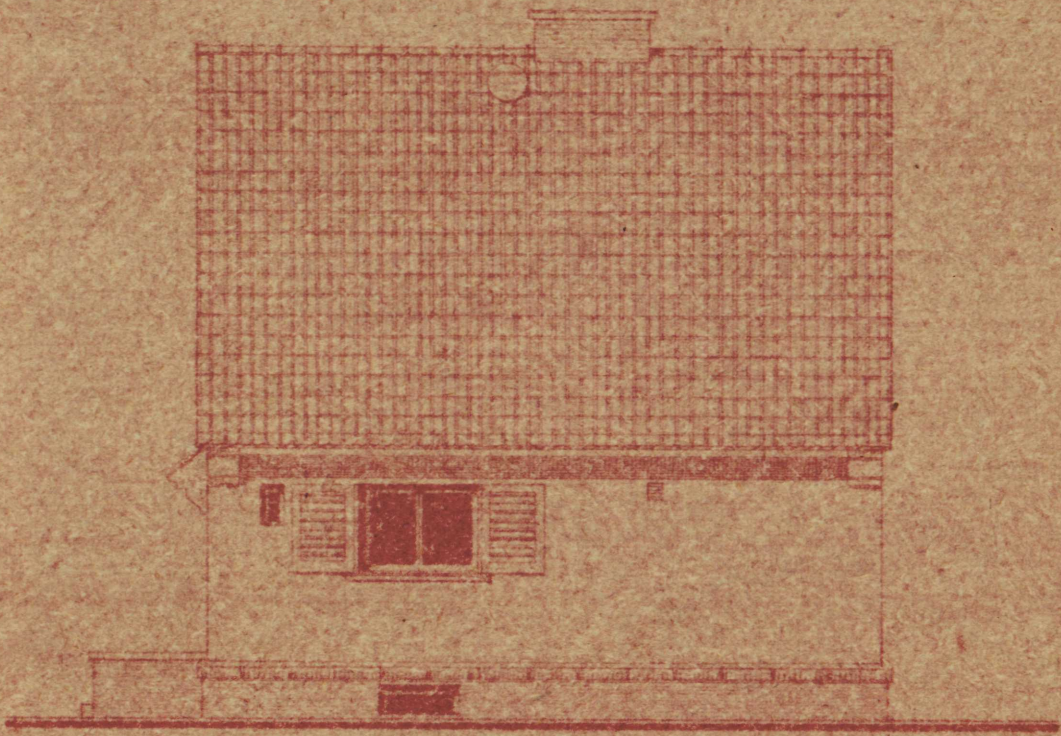
PÖHIKORRUS A



VAADE A



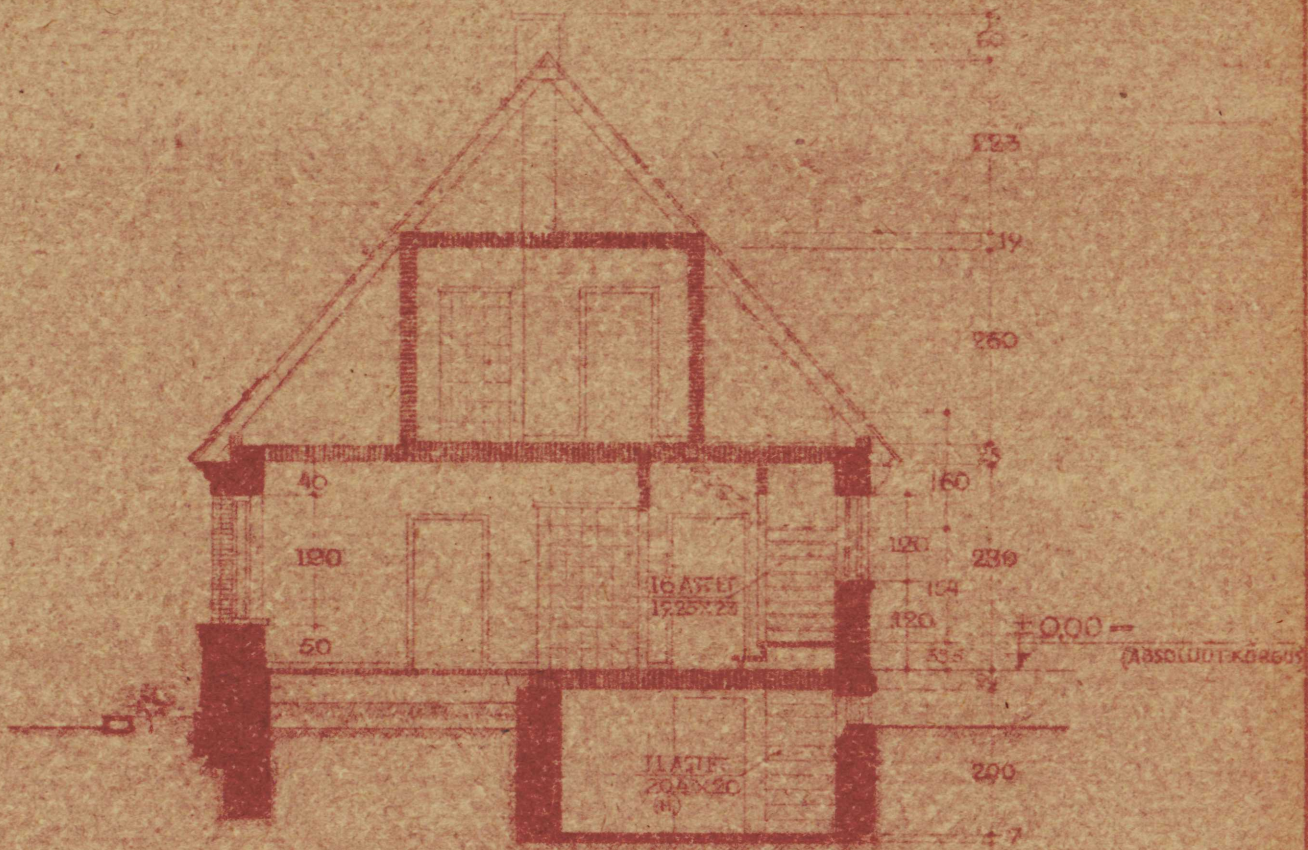
VAADE B



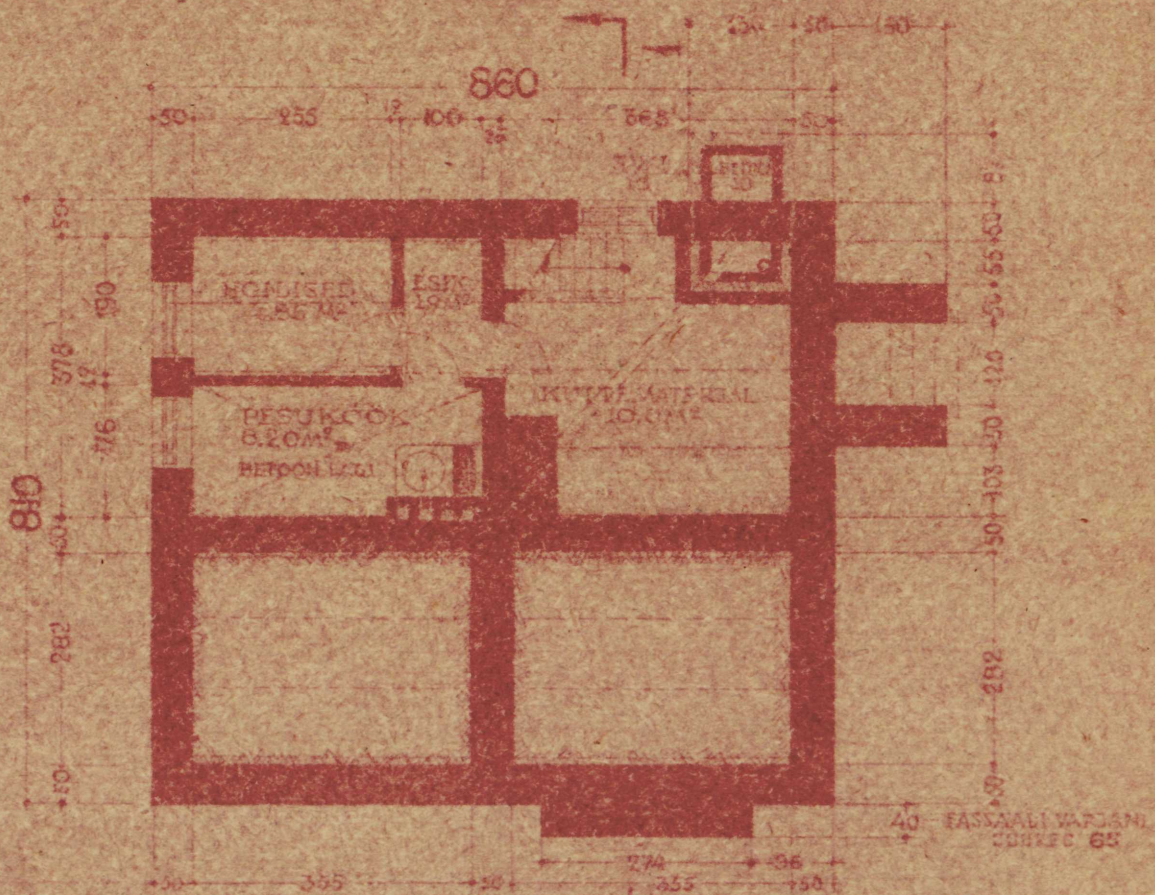
VAADE D



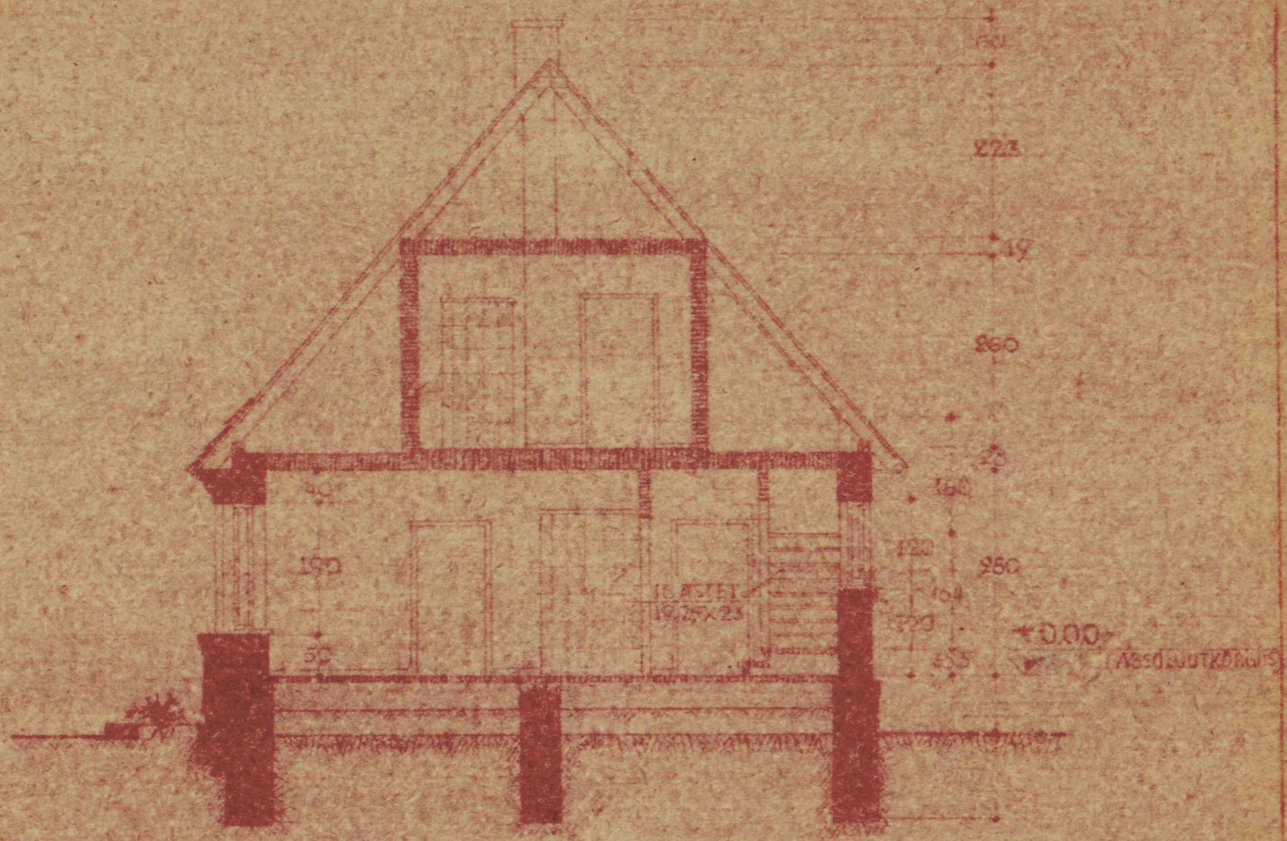
VAADE E



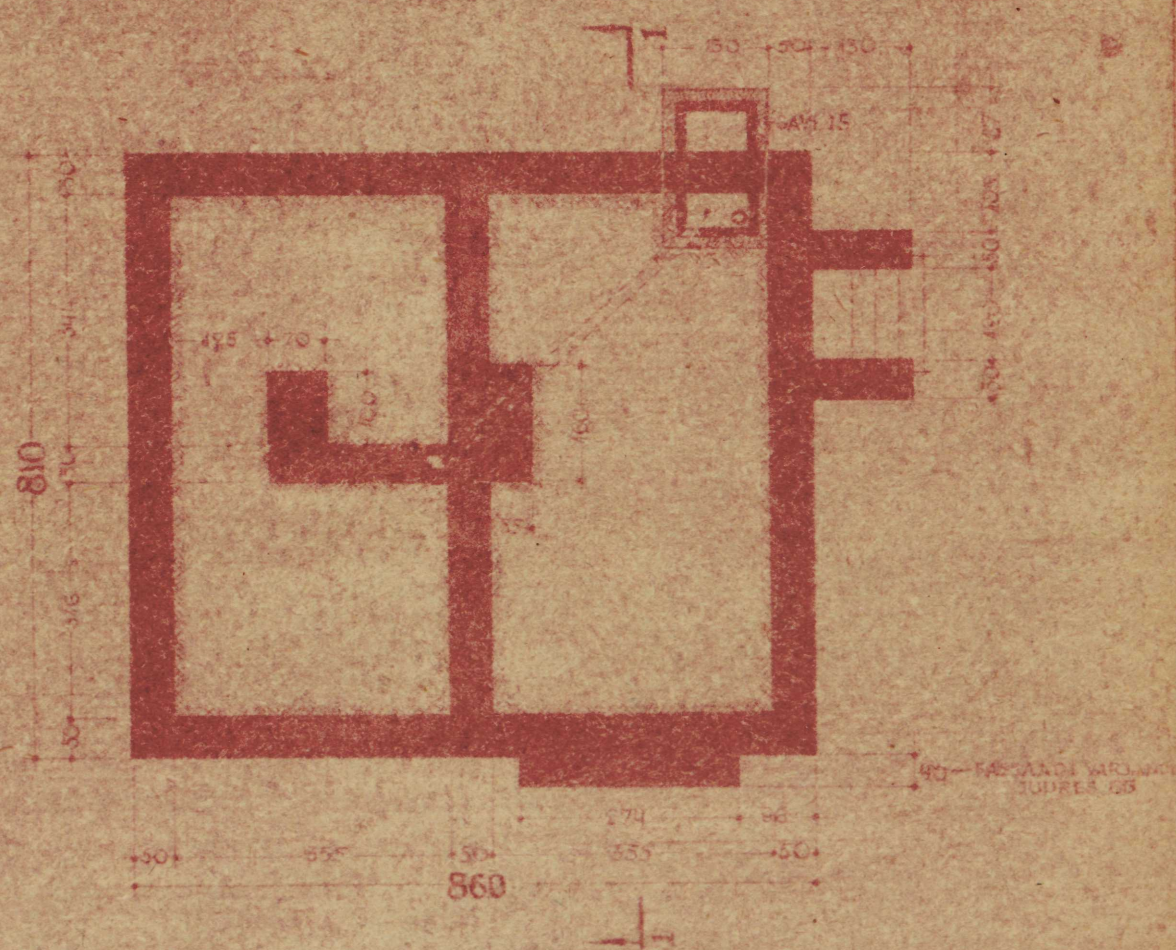
LÖIGE 1-1



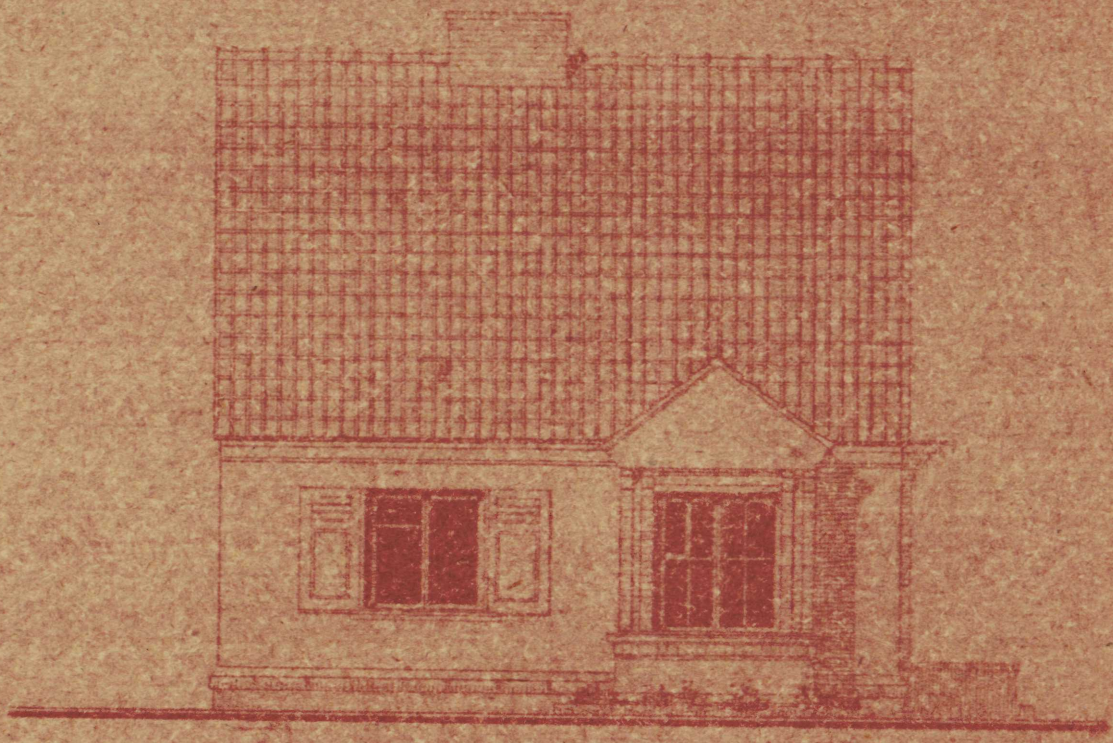
KELDRIKORRUS



LÖIGE 1-1



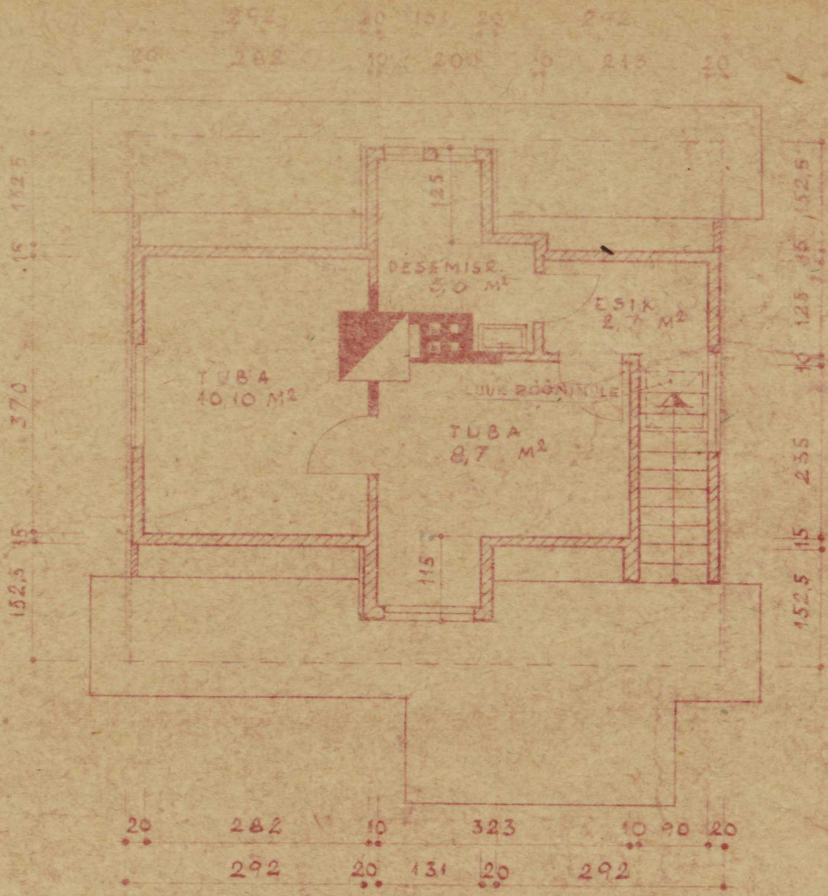
ALUSMÜÜRID



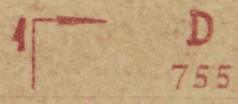
VAADE A



VAADE B

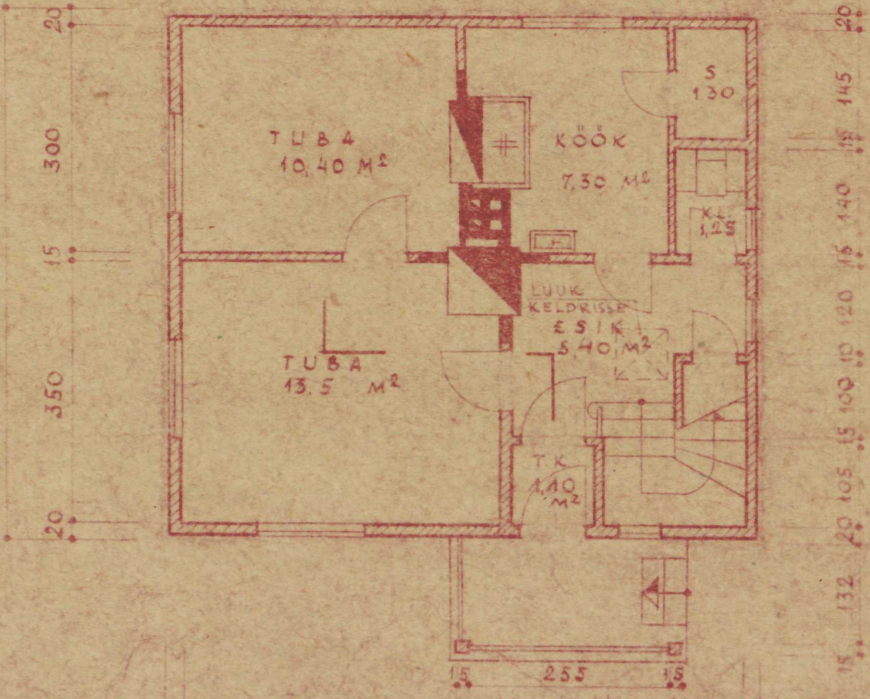


KATUSEKORRUS

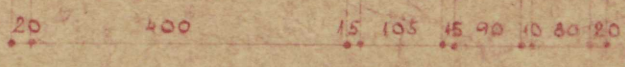


H

705

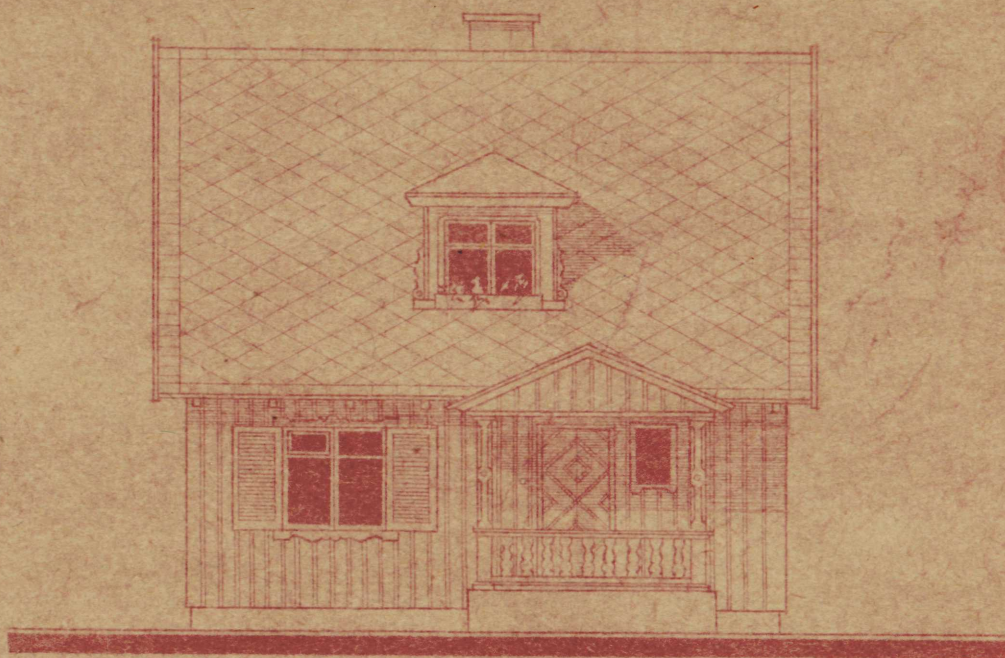


B



PÕHIKORRUS

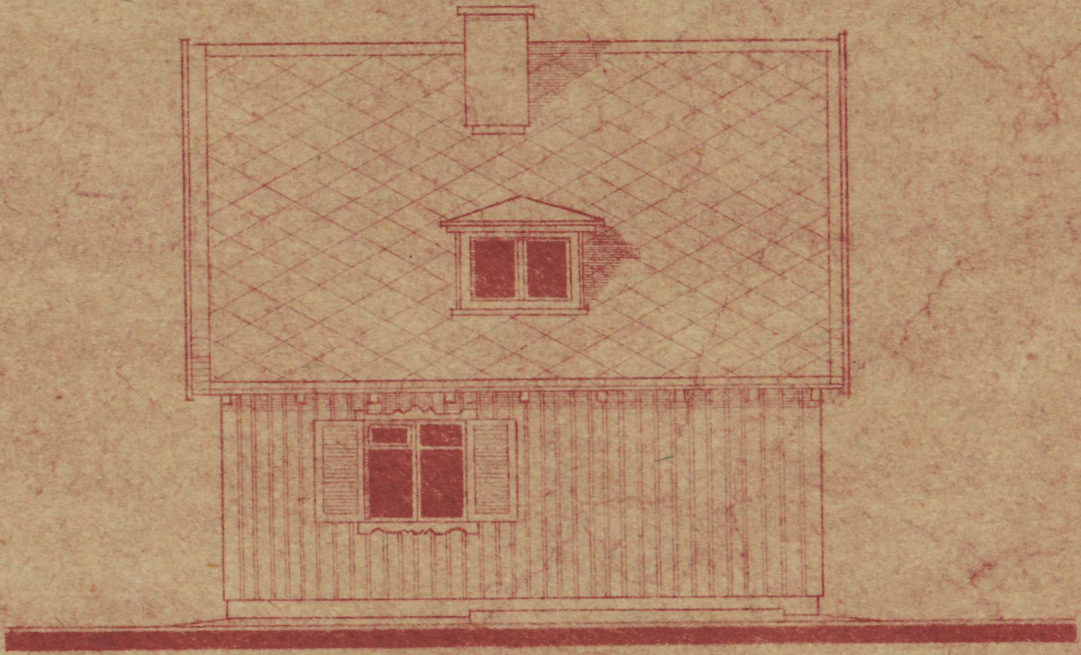
A



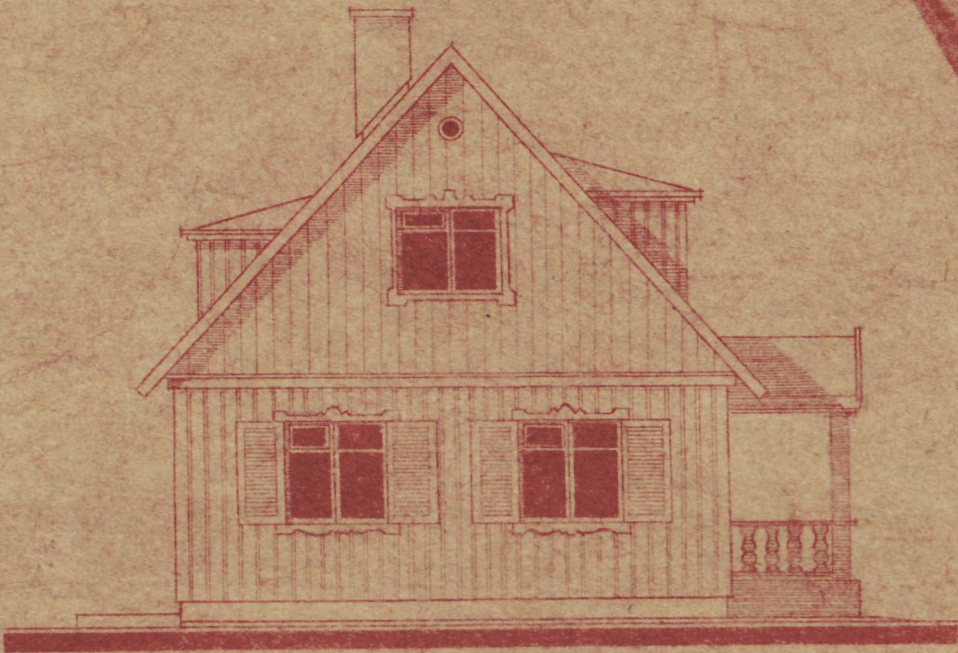
VAADE A



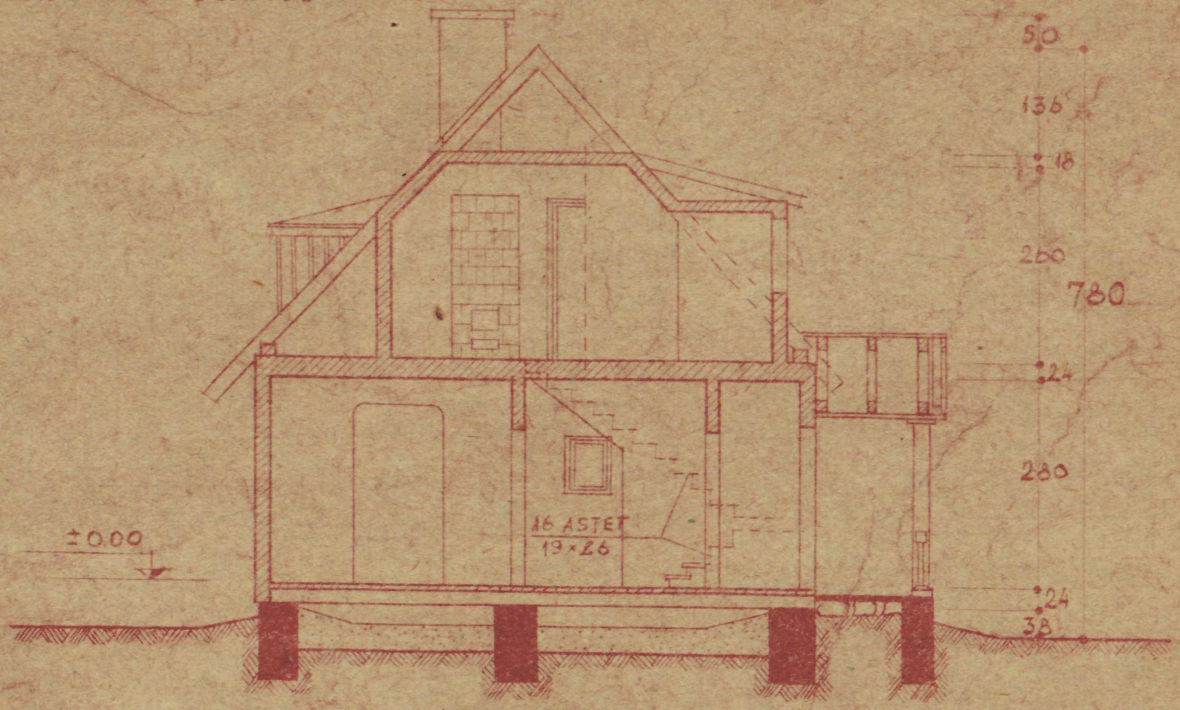
VAADE B



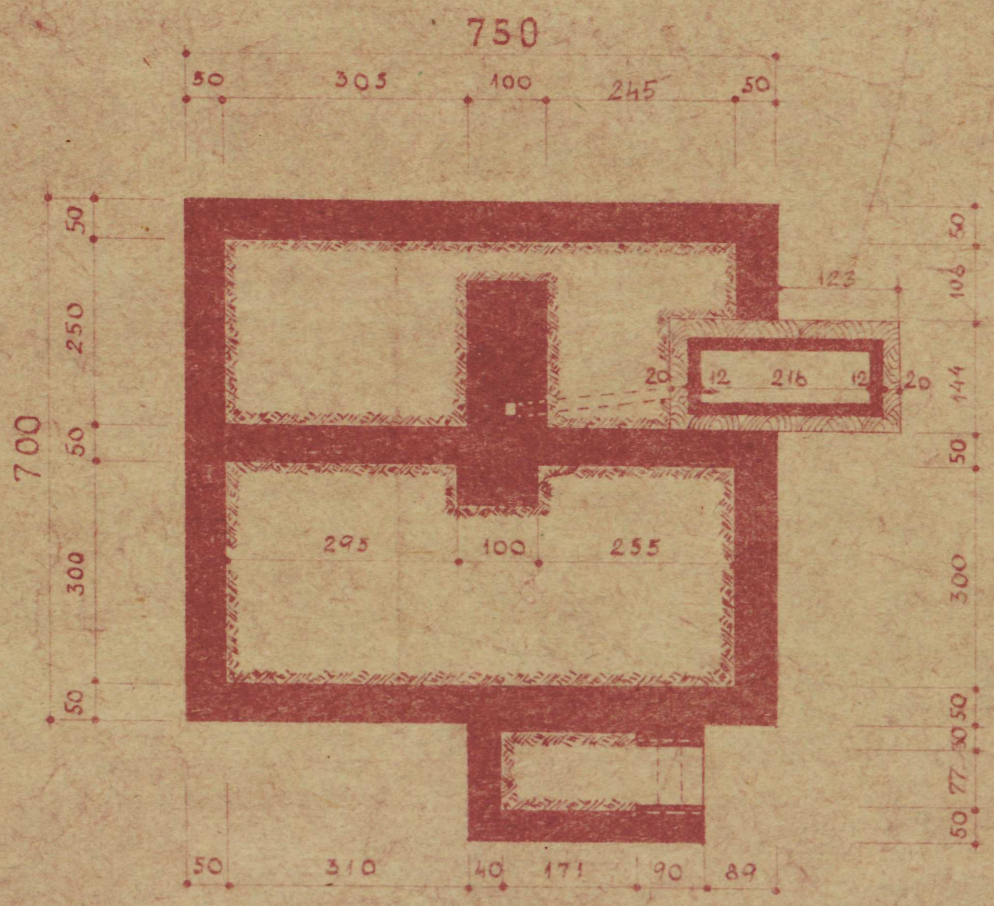
VAADE D



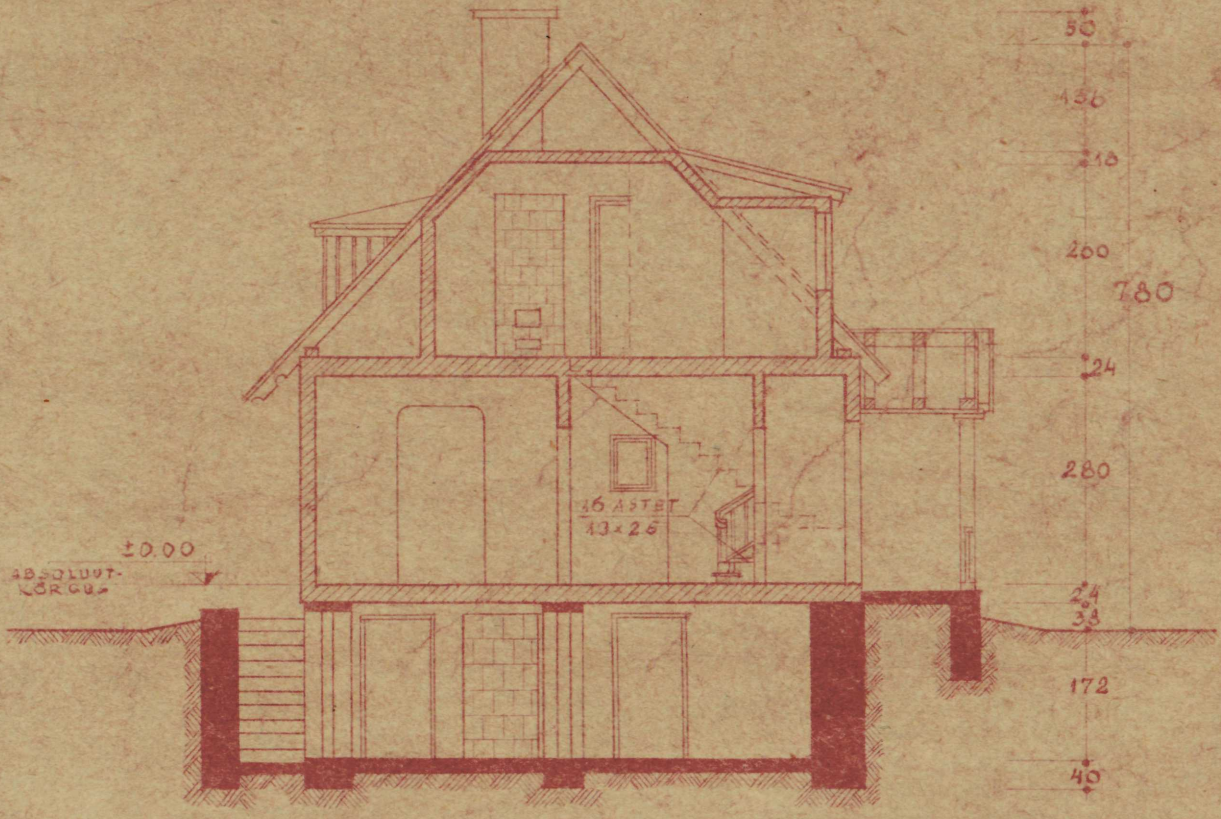
VAADE E



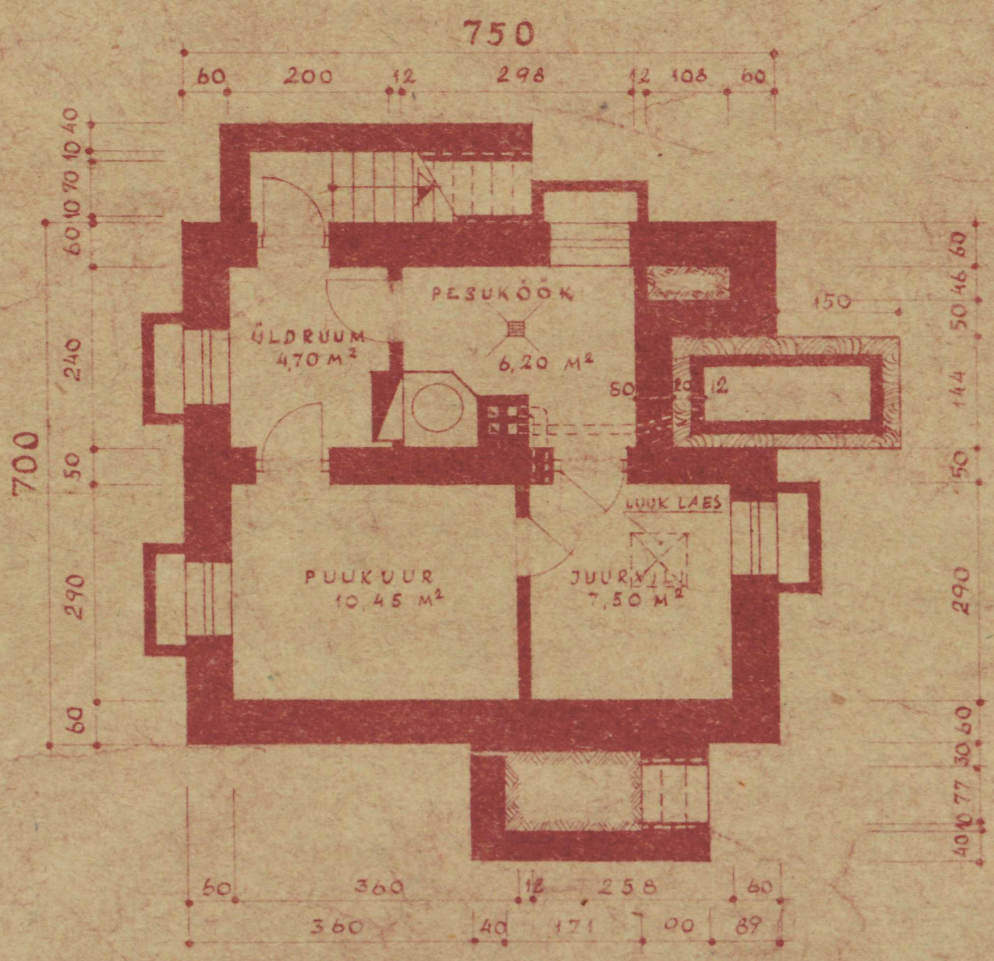
LÕIGE 1-1



ALUSMÜÜRID



LÕIGE 1-1



KELDRIKORRUS

1955. aastal Eesti NSV Riikliku Arhitektuuri Instituutis

NSV Arhitektuuri Valitsuses 1955

T-11-a.

Arhitekt: E. Sonn.

Tegev-koostöödelineid näitajaid:

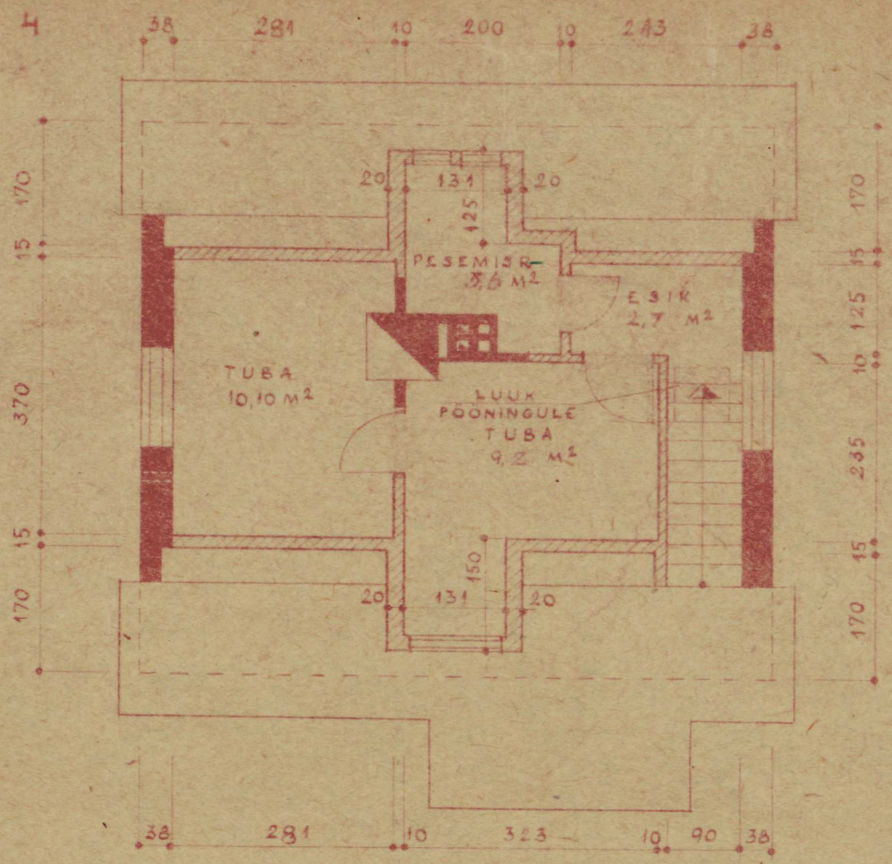
1. Põhiseelune pind	61,5 m ²
2. Maapealne kubatuur	305,7 m ³
3. Keldripind kubatuur	119,1 m ²
4. Põhiseelne pind	42,9 m ²
5. Keskmine pind	65,1 m ²

$$K_1 = \frac{\text{eldripind}}{\text{keskmine pind}} = \frac{119,9}{65,1} = 0,86$$

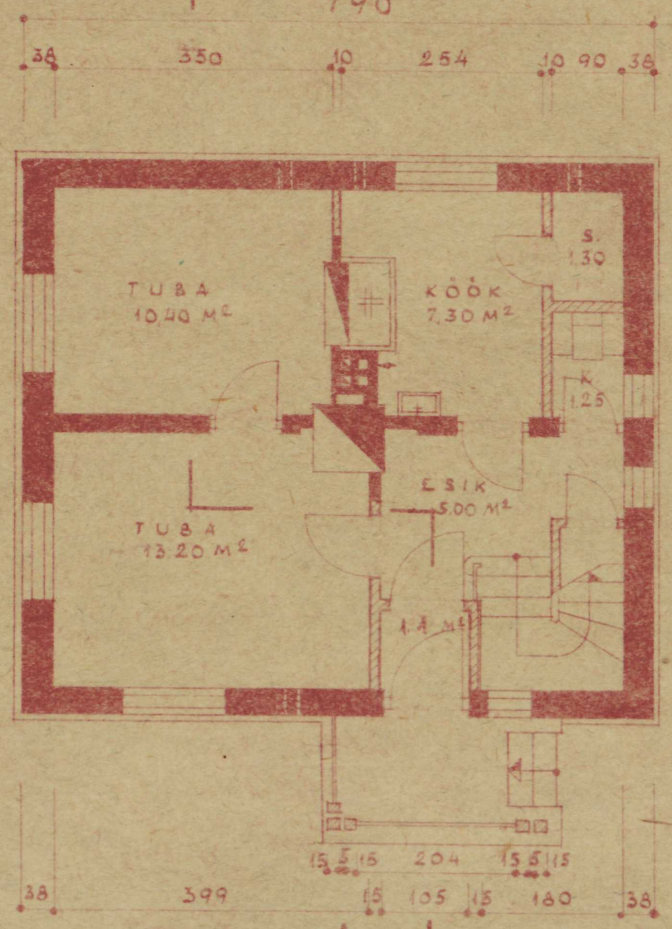
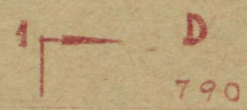
$$K_2 = \frac{\text{maapealne kubatuur}}{\text{eldripind}} = \frac{305,7}{42,9} = 7,12$$

Ühikoonstruktsiooni iseloomustus.

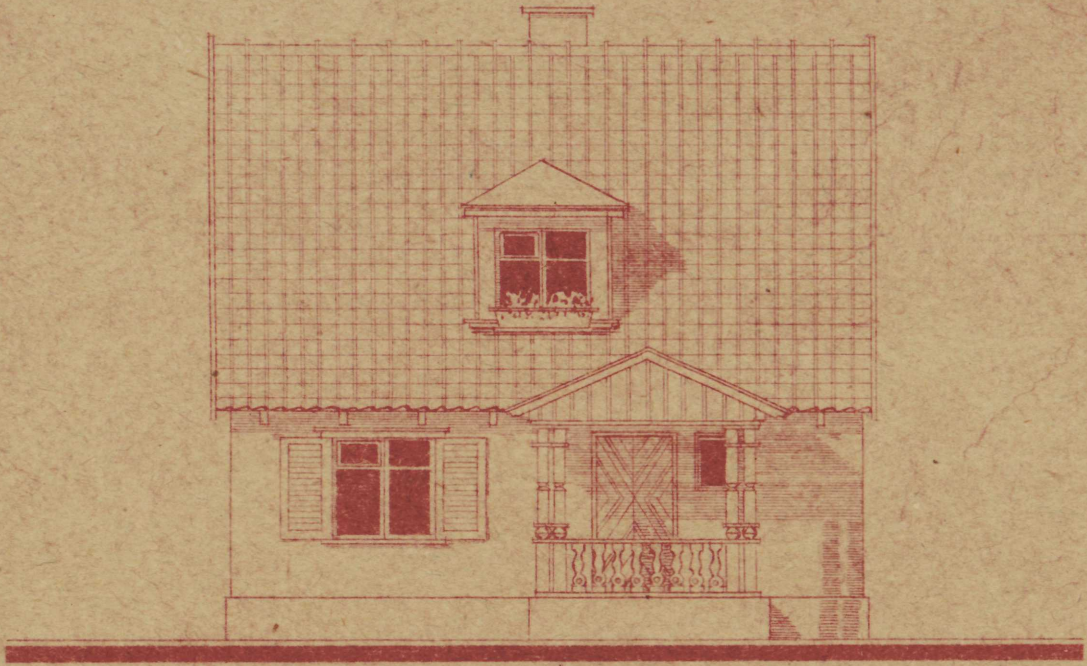
aluseelne pind - teepõhikivi, kivis; väliseelne pind -
 na. Harja sein, "Põhiseelne" sein või kergtelhaseelne;
 siseelne kaudu sein - silikatsioon - lihtsast 25 sm. paks;
 vundamend - puidust; vahelaad - pesukõõsilt betoon-
 plast, mullal puitkivist, termolüütilitega; põrandad -
 pesukõõsilt betoonist, keldri ruumides puitlaast-
 dest, eluruumides puitlaast laudlaast; katus - vee-
 limine puit, sisemised viidud; katus - kivi
 või eterniit.



KATUSEKORRUS



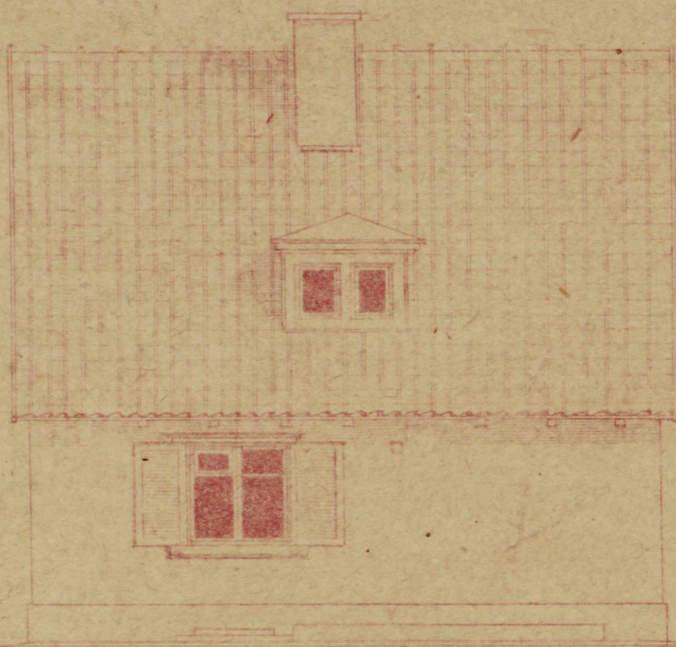
PÕHIKORRUS



VAADE A



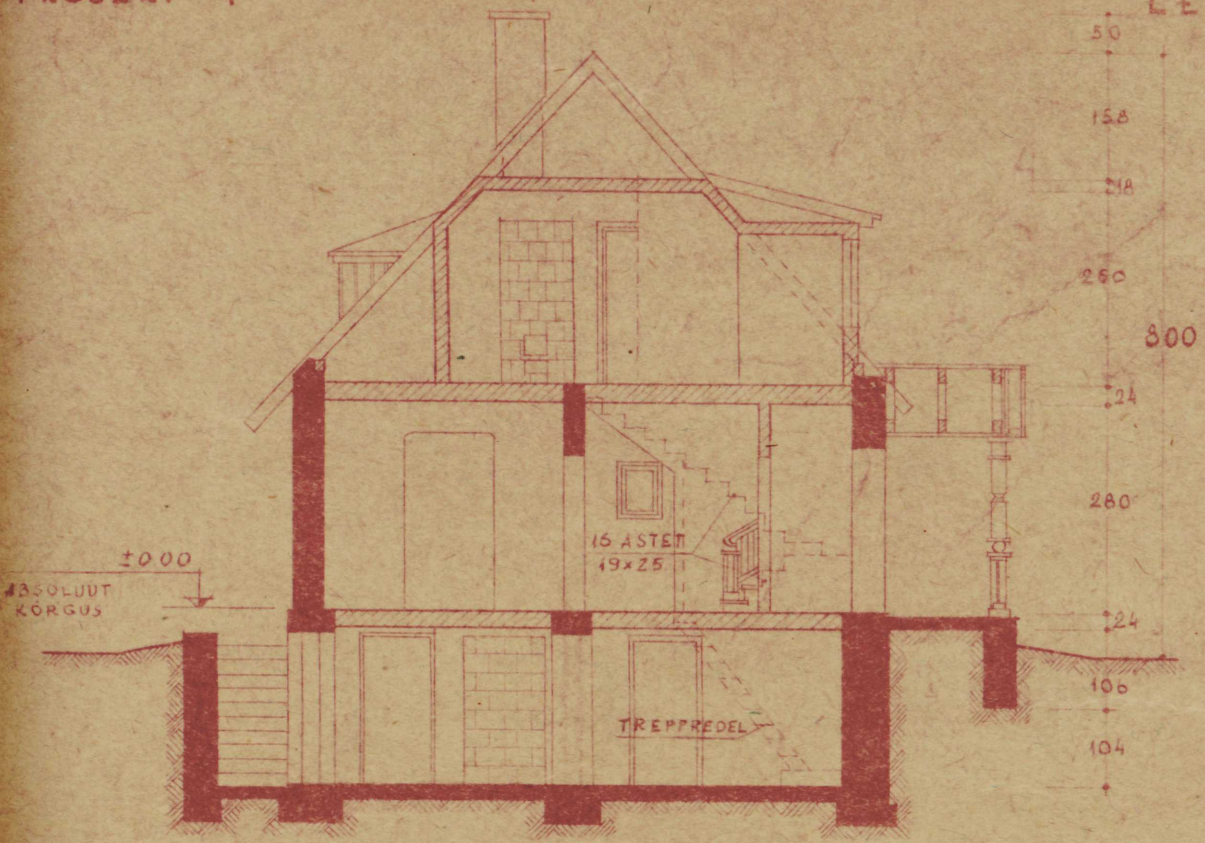
VAADE B



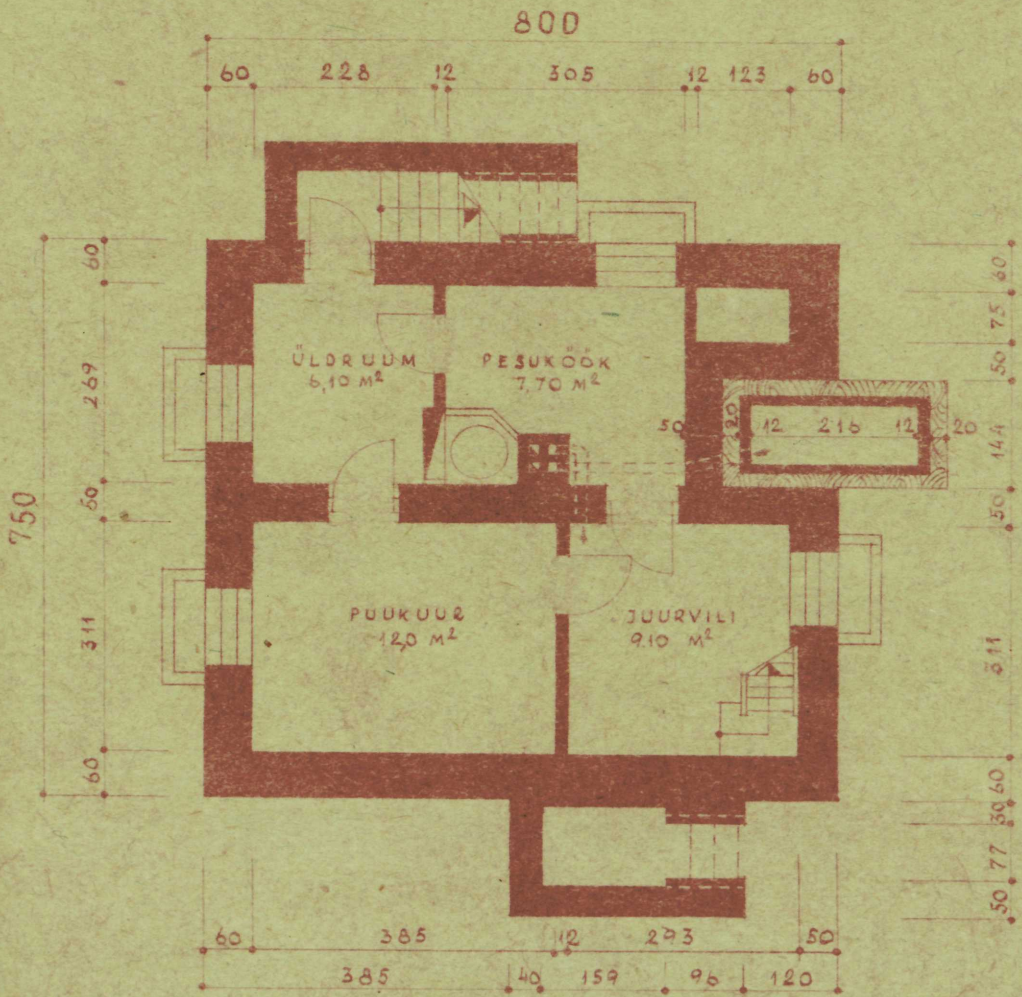
VAADE D



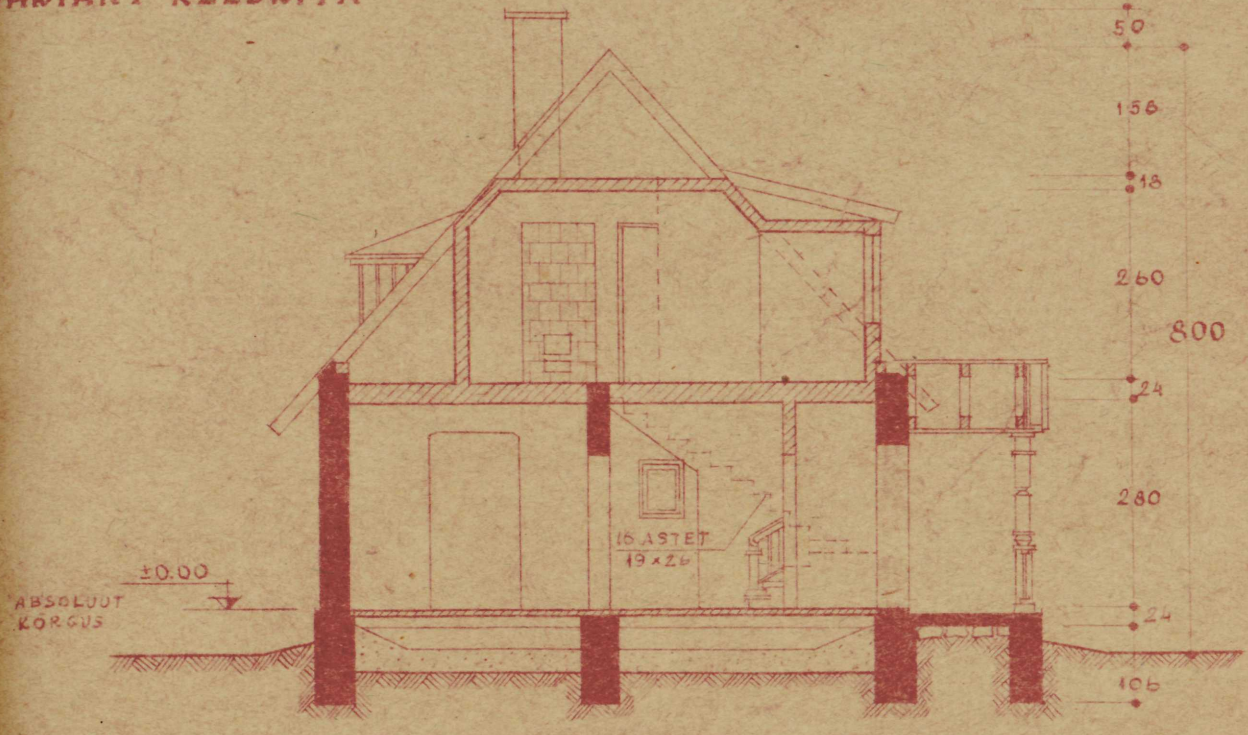
VAADE E



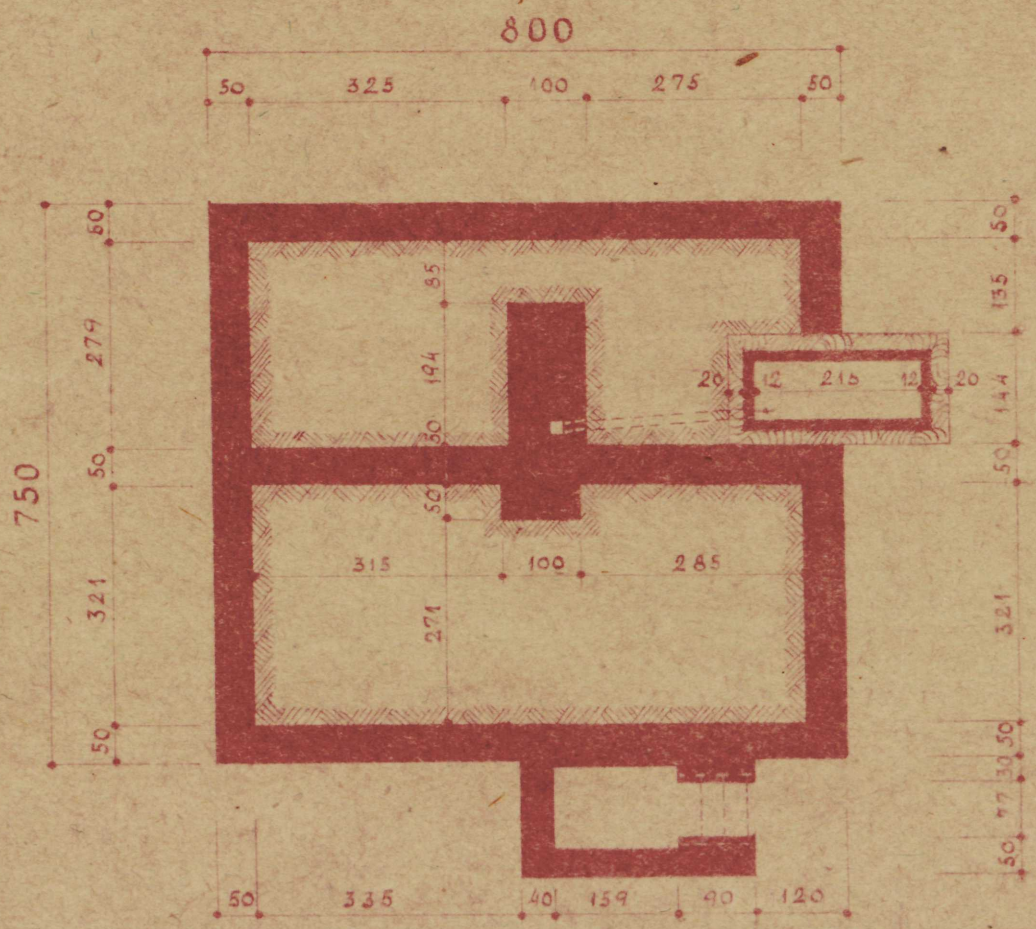
LÕIGE 1-1



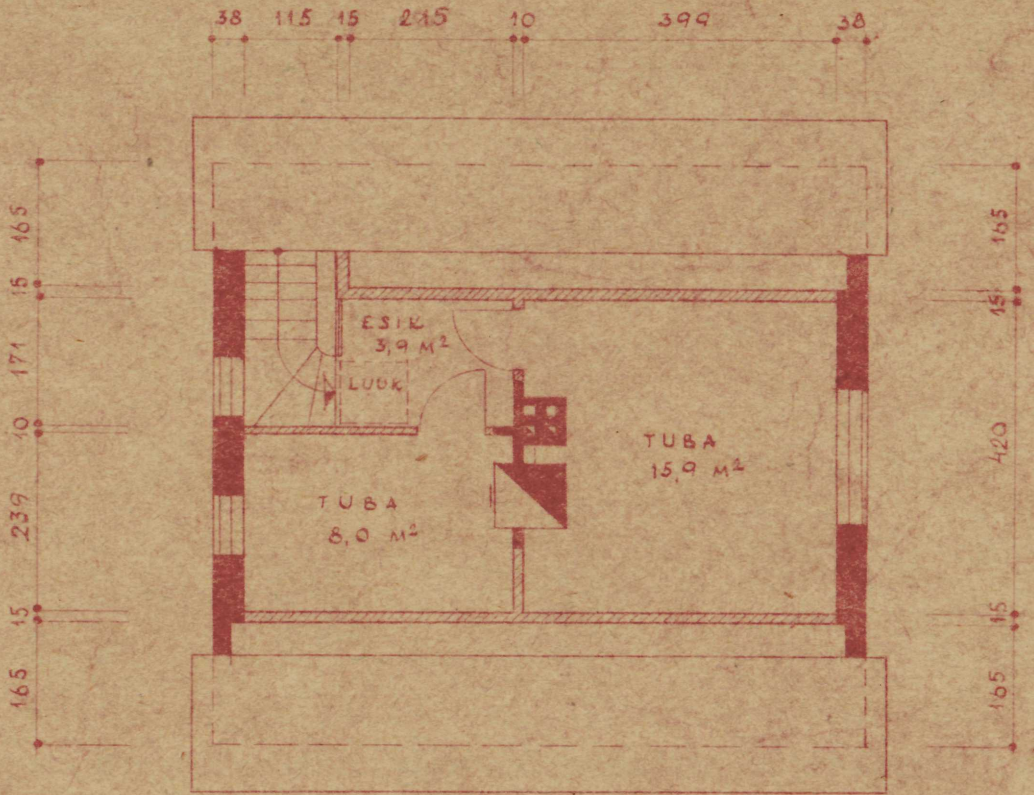
KELDRIKORRUS



LÕIGE 1-1

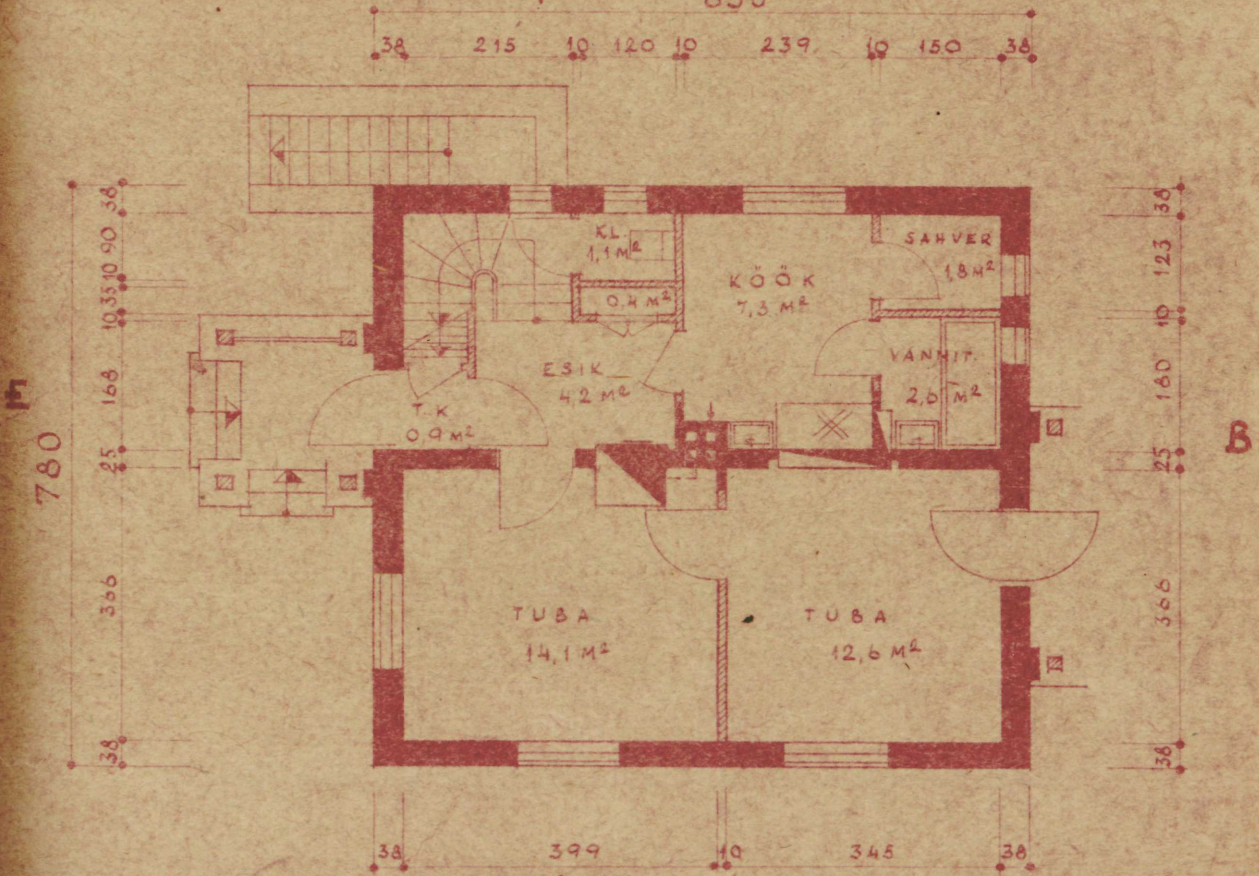


ALUSMÜÜRID



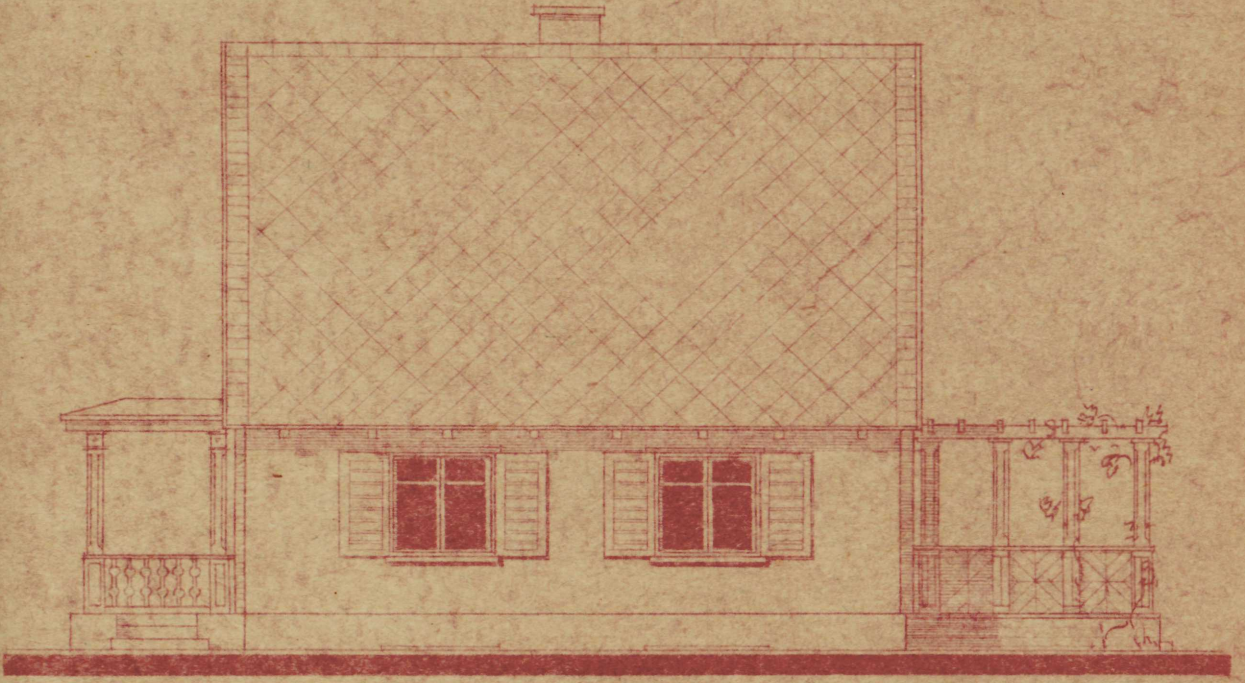
KATUSEKORRUS

1 D 830

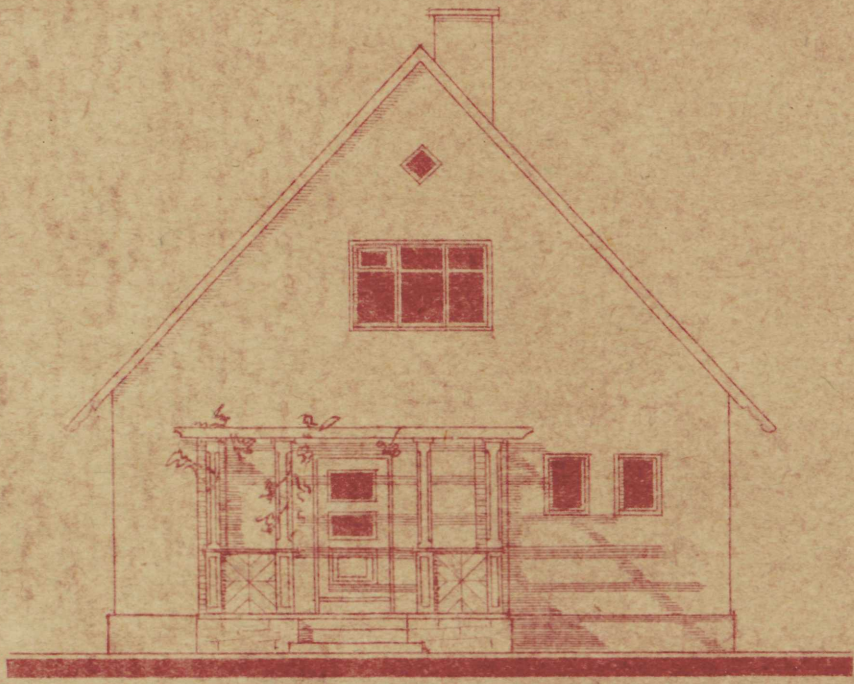


PÕHIKORRUS

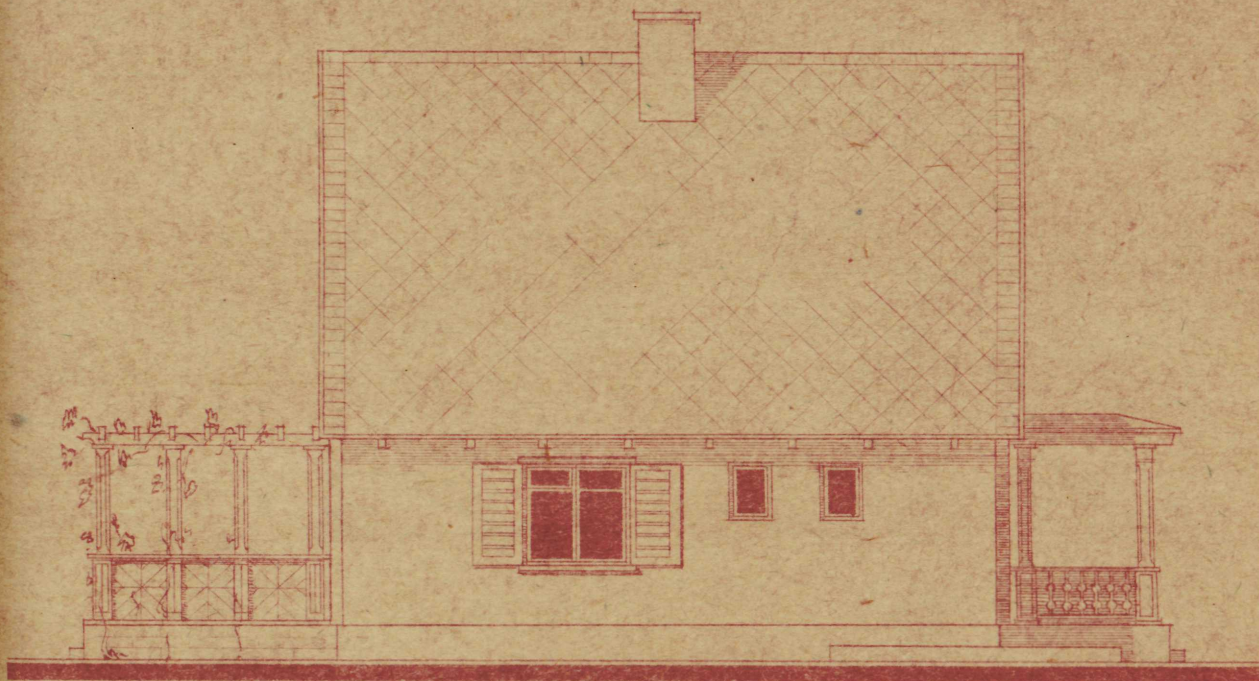
1 A



VAADE A



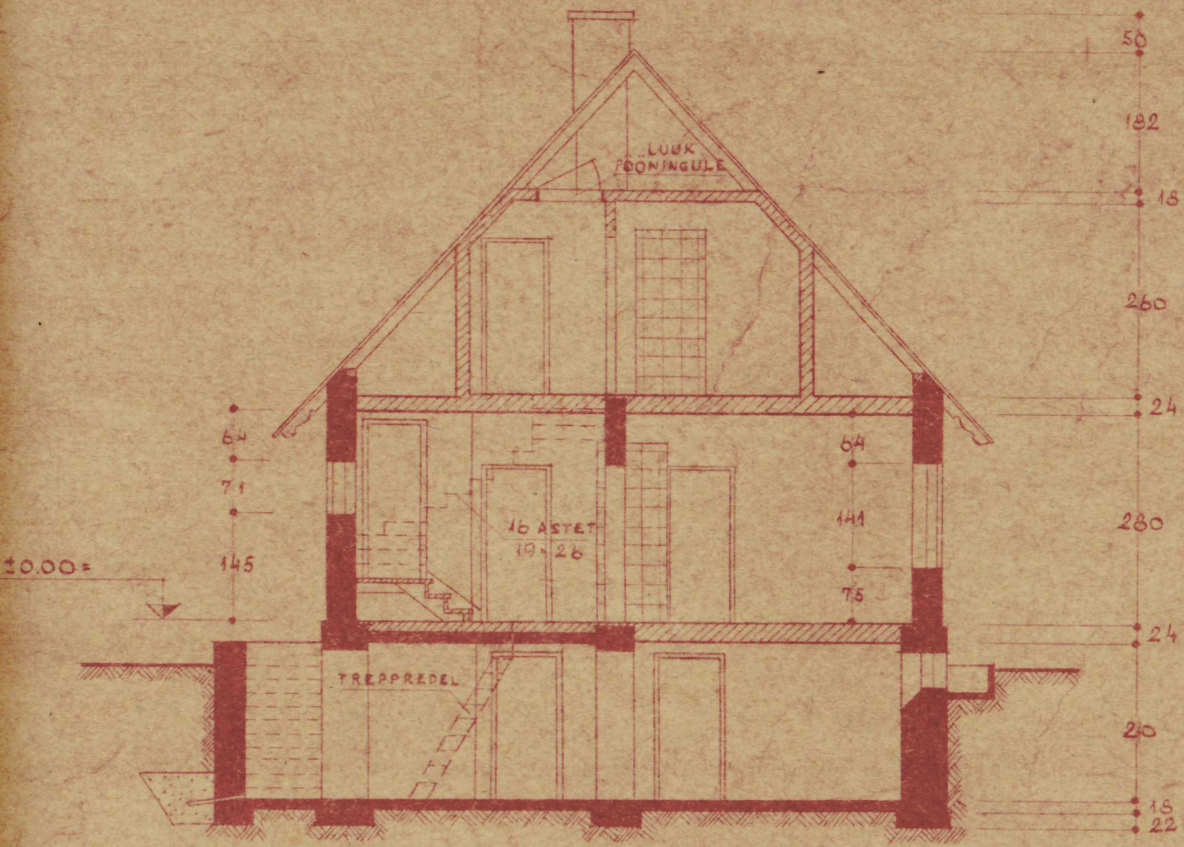
VAADE B



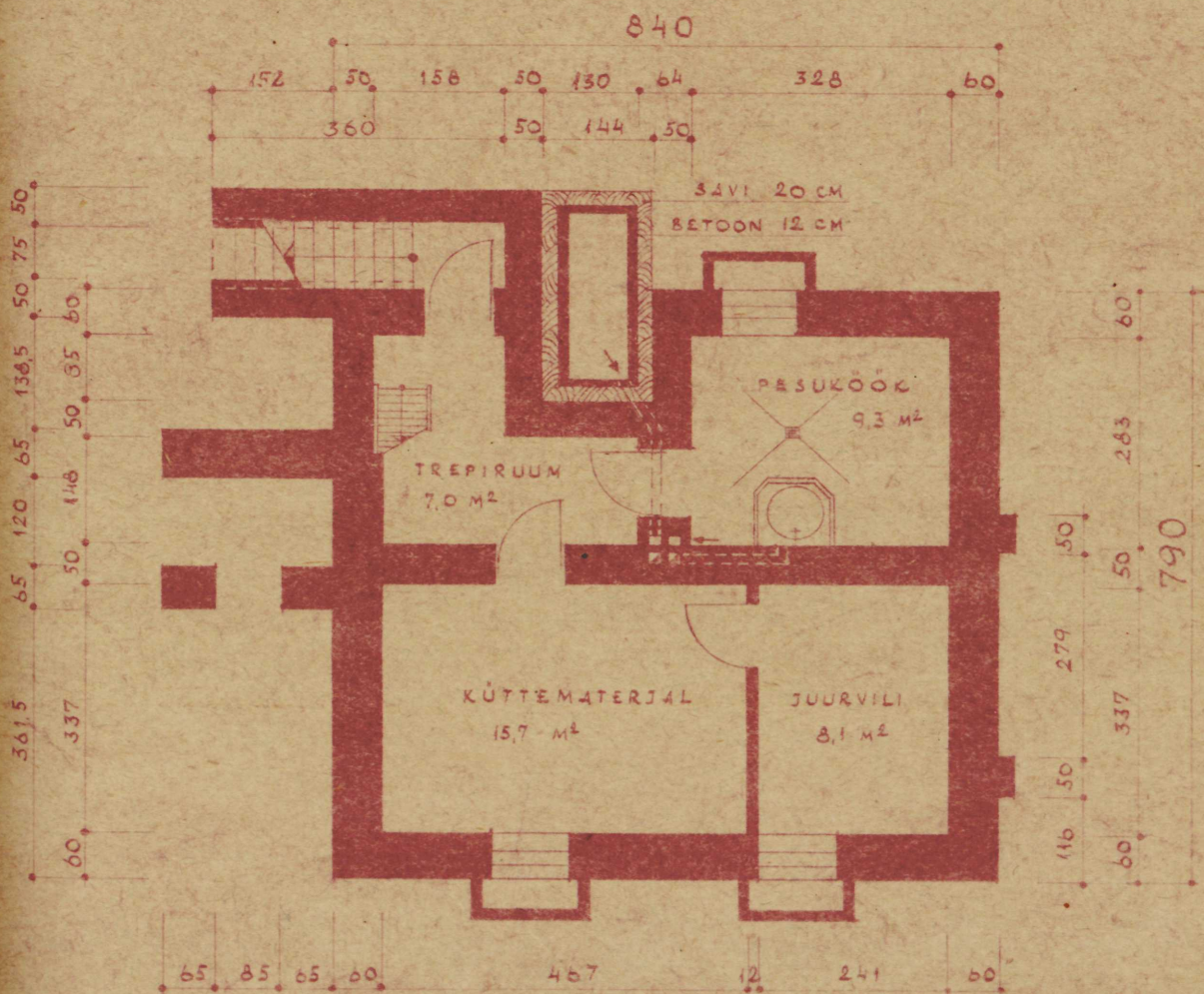
VAADE D



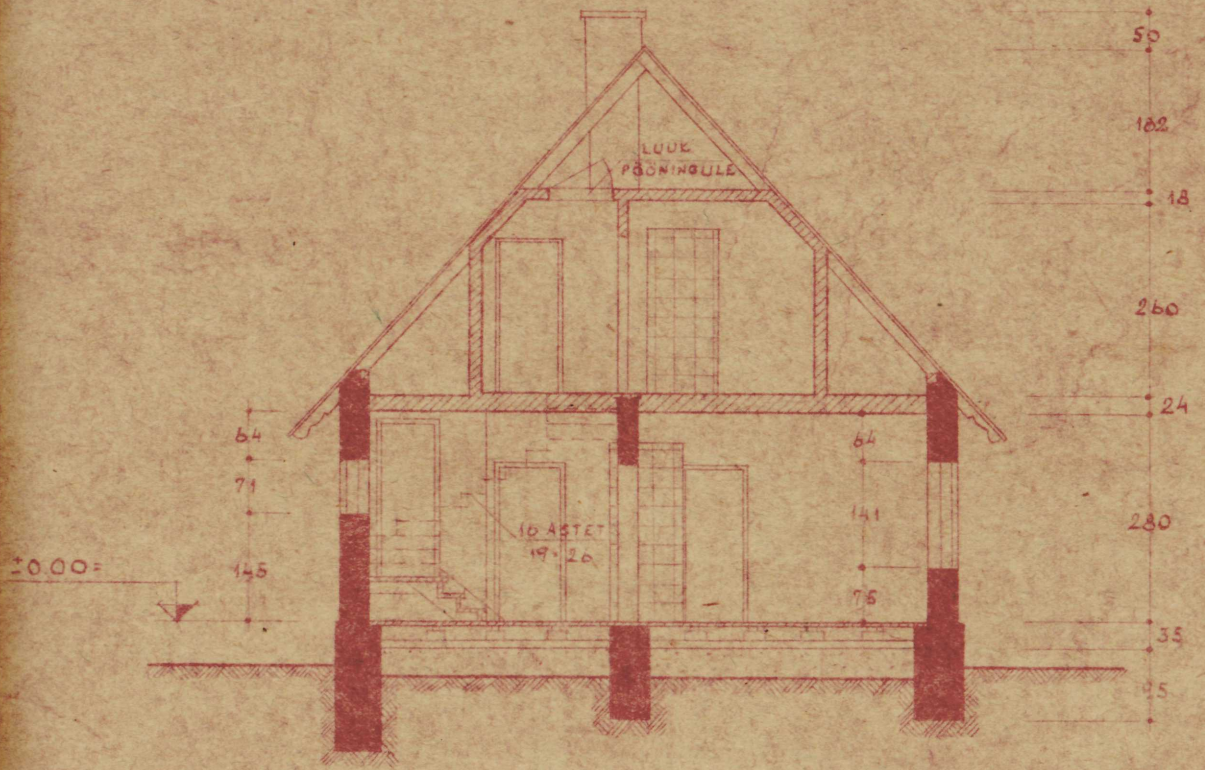
VAADE E



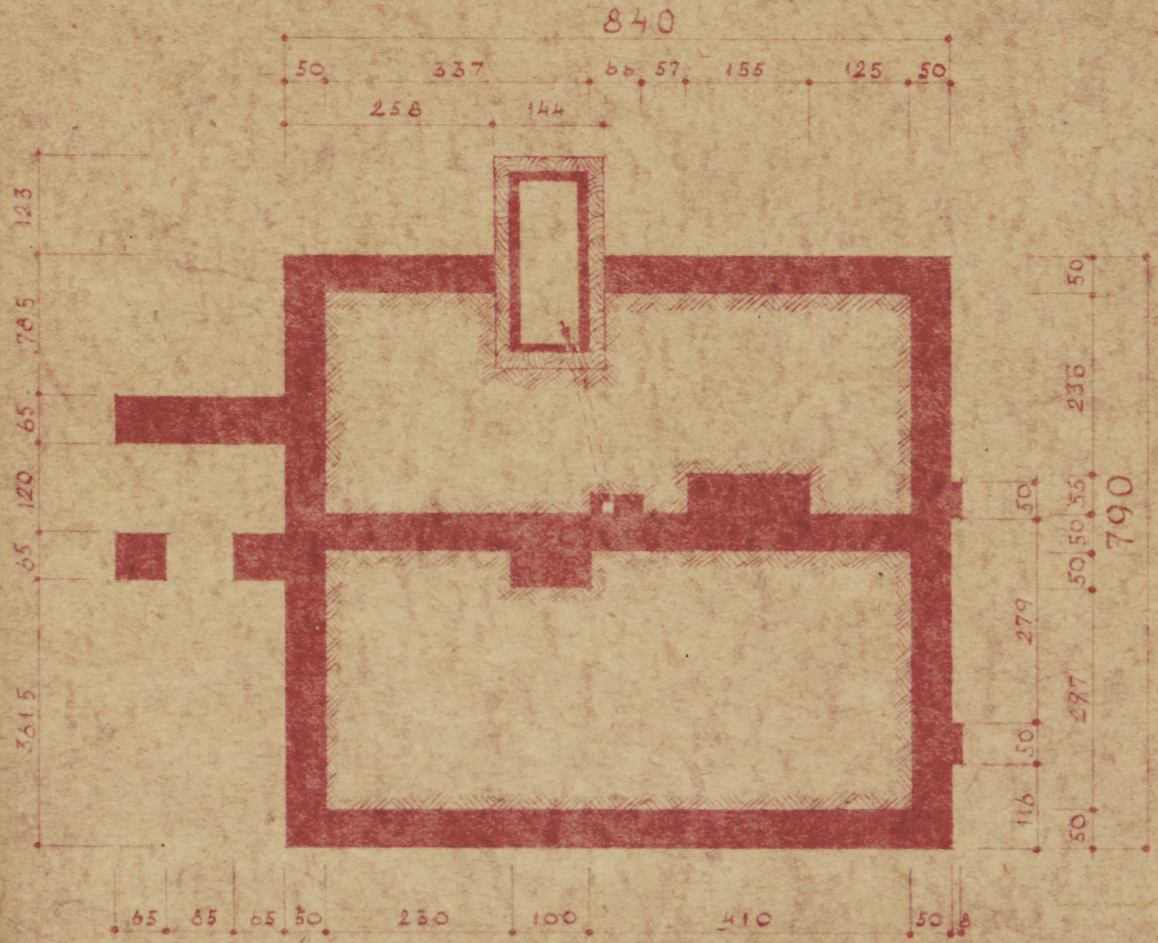
LÕIGE 1-1



KELDRIKORRUS



LÕIGE 1-1



ALUSMÕÜRID

ANALYSIS OF THE SAMPLE

Sample No. 1000

Date: 10/10/50

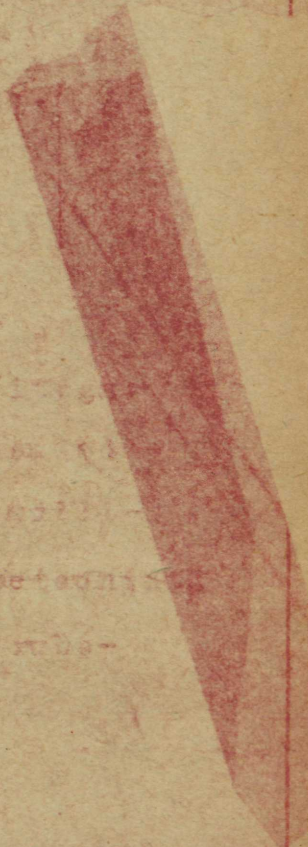
Location: ...

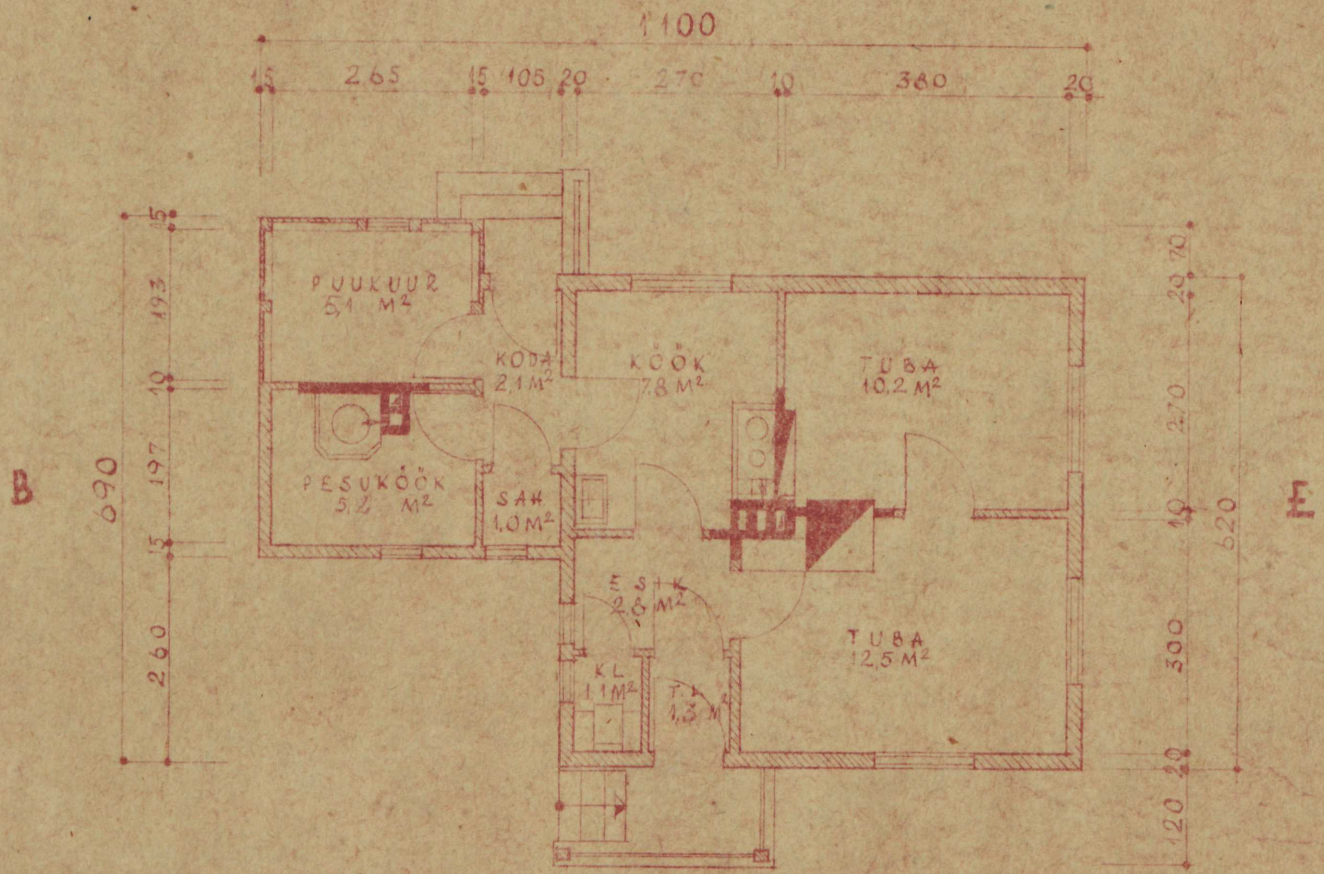
Quantitative Analysis

1. Chlorine	67.2
2. Sulfur	155.8
3. Nitrogen	272.5
4. Hydrogen	22.7
5. Oxygen	15.3
6. Phosphorus	110.1
- chlorine	2.5
- sulfur	0.59
- nitrogen	155.8
- hydrogen	22.7
- oxygen	15.3
- phosphorus	110.1

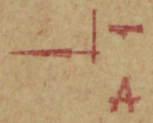
Qualitative Analysis

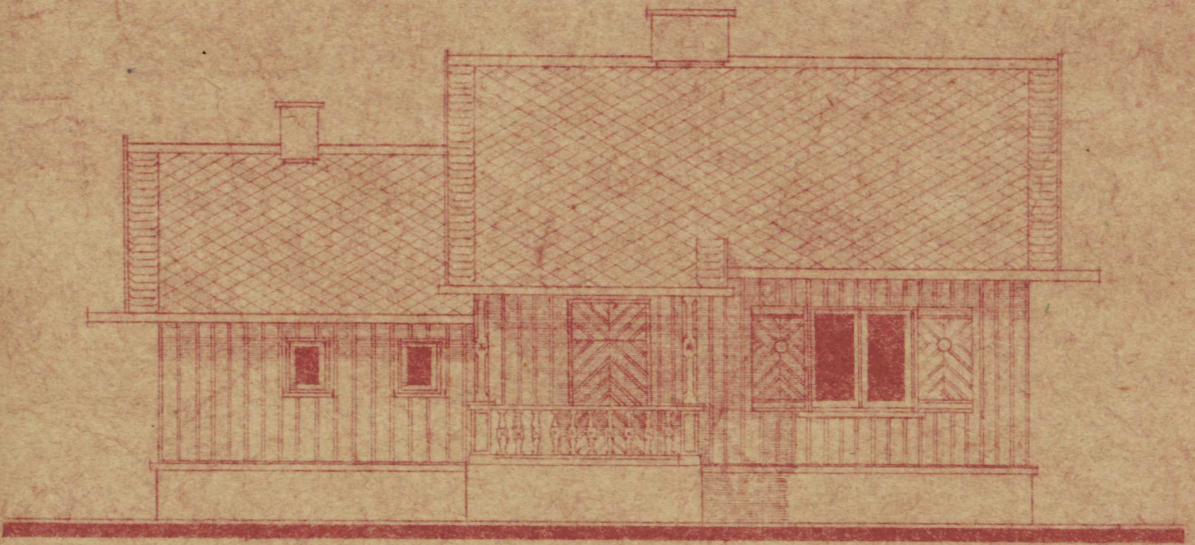
...
 ...
 ...
 ...
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 ...
 ...
 ...



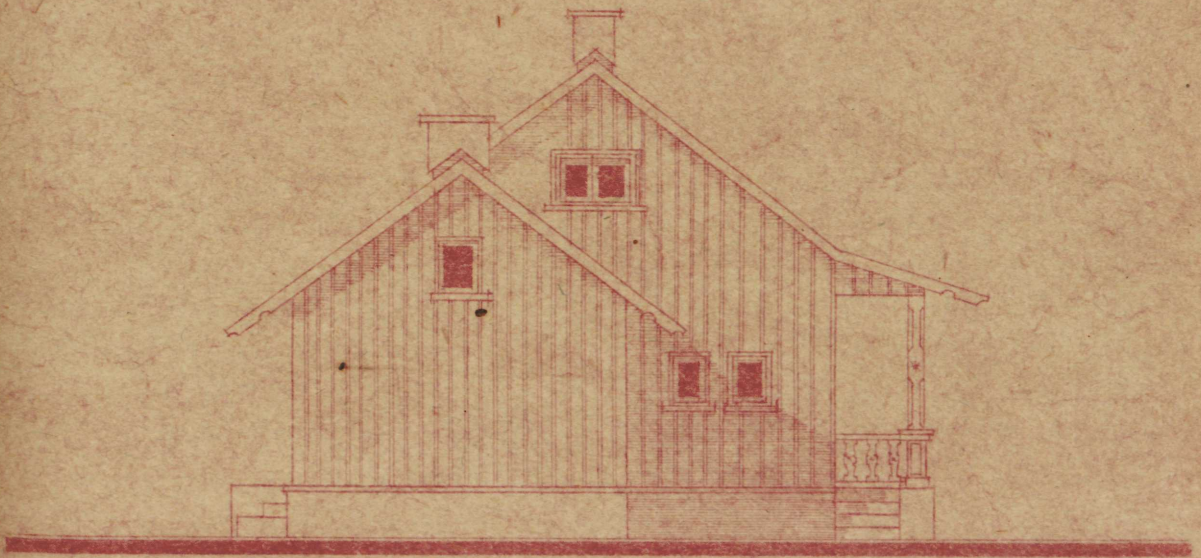


PÕHIKORRUS

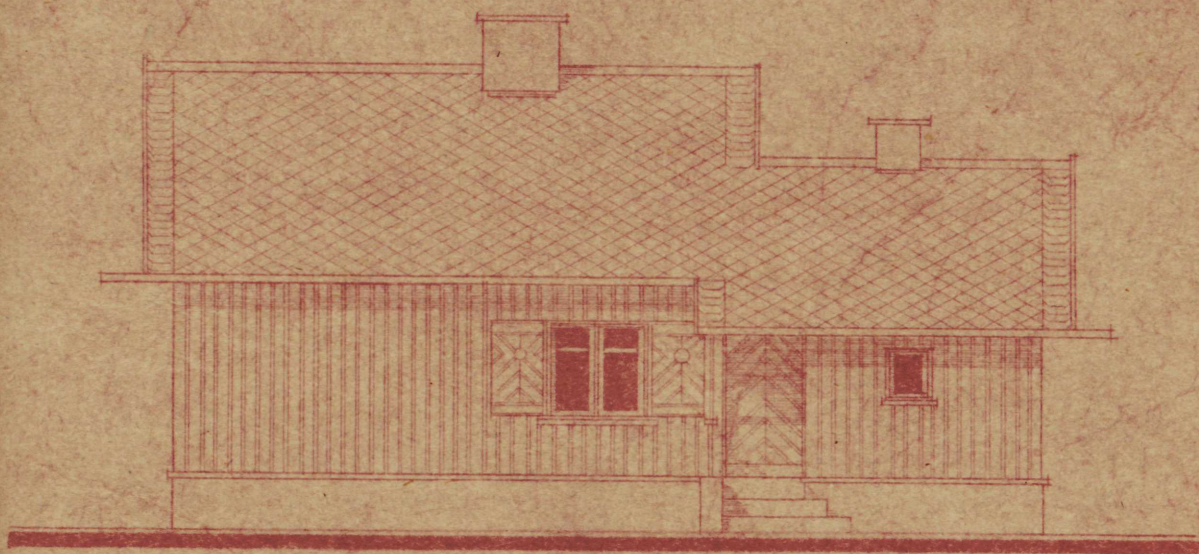




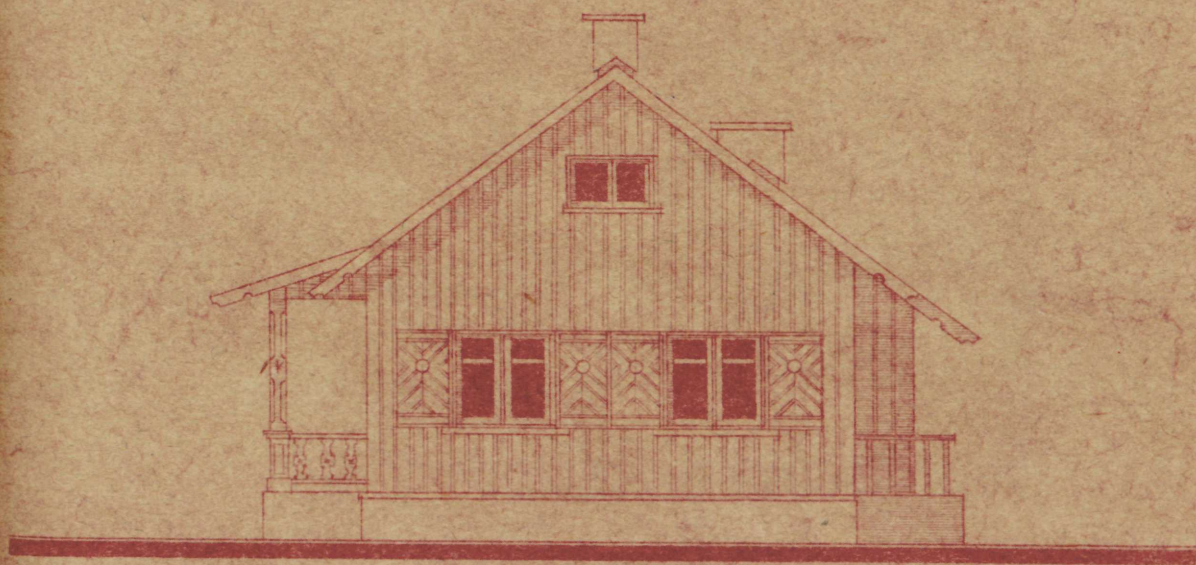
VAADE A



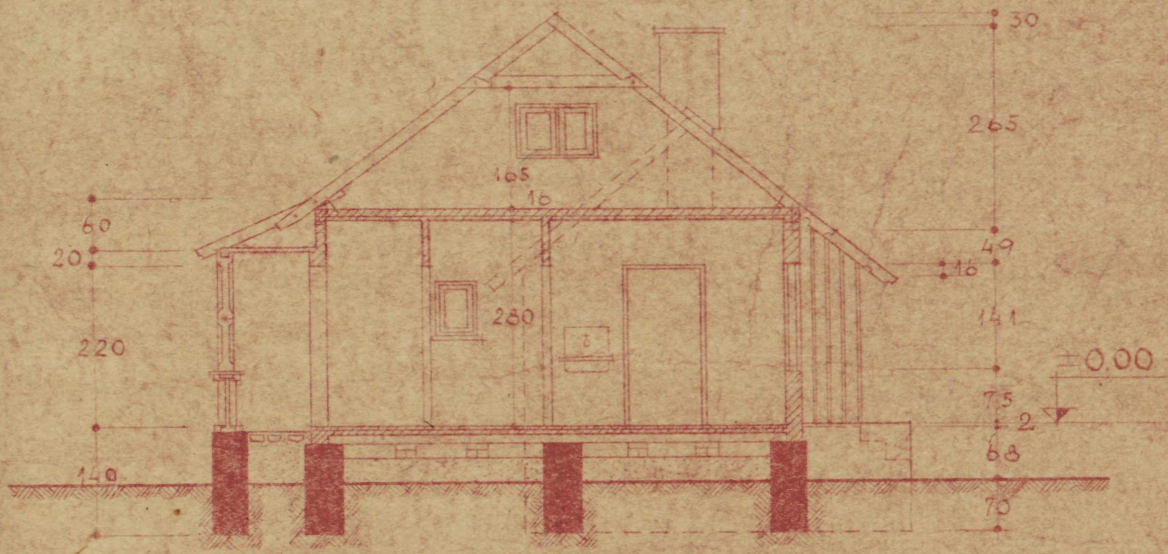
VAADE B



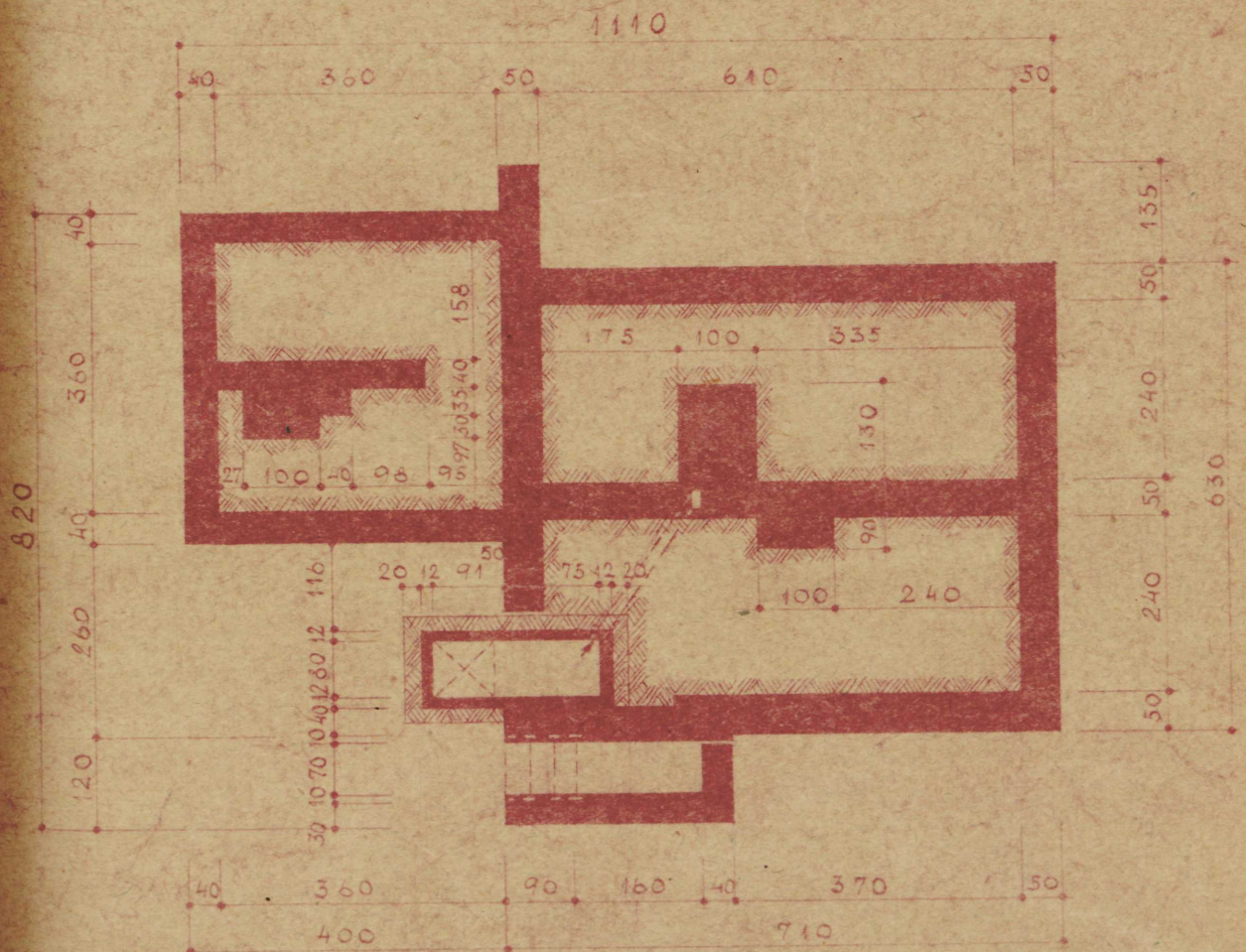
VAADE D



VAADE E



LÕIGE 1-1



ALUSMÛRID

KARKSE KÜLDE KALVIKU ALIOLA VEEKOSPROJEKT

M 5 - rühmitajate ja Vabariigi 1000

T-11-K.

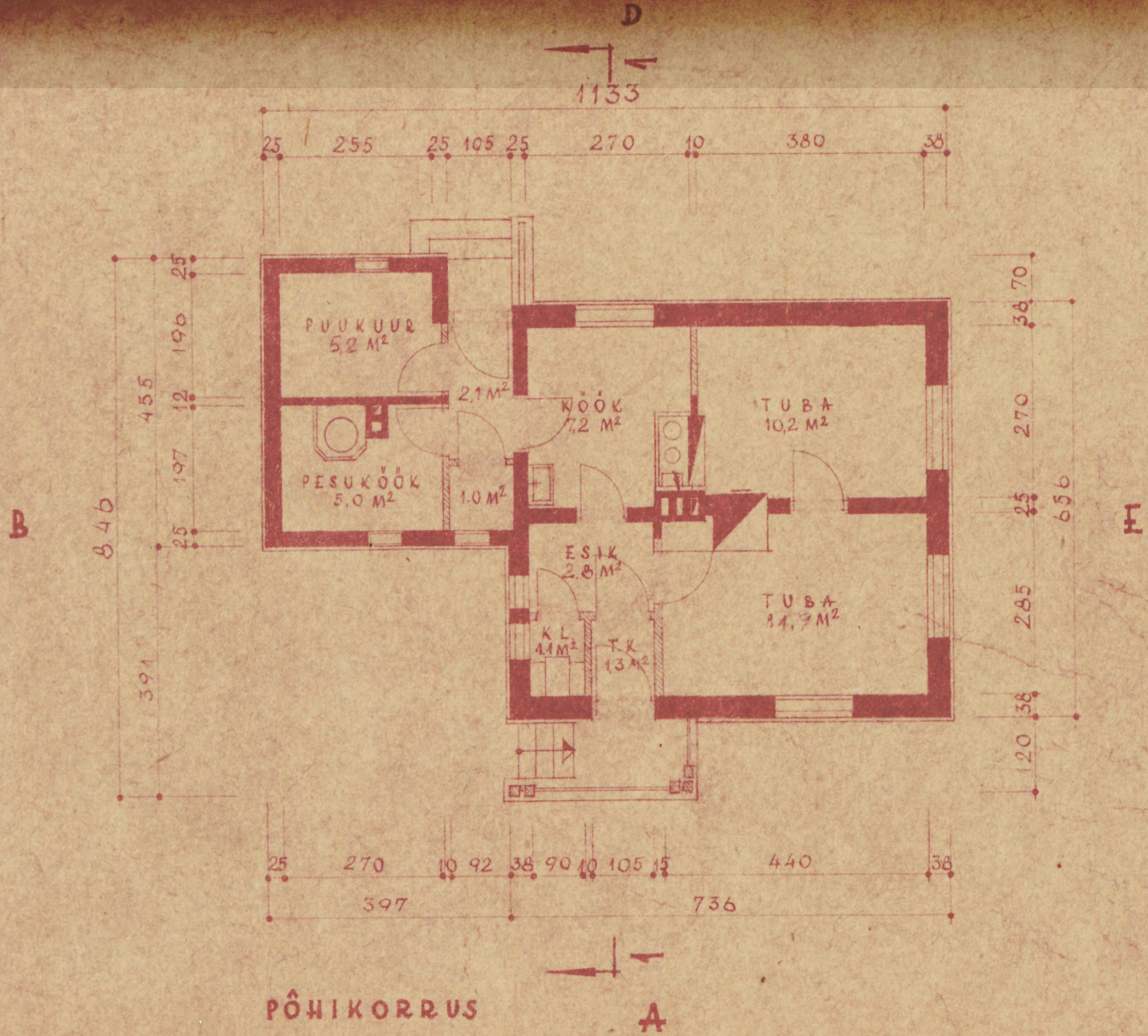
1. Ehitusala pind	73,7 m ²
2. Alamu kubatuur	176,8 m ³
3. Kõrvalaadimise kubatuur	234,6 m ³
4. Elamisruumid	22,1 m ²
5. Kasulik pind	37,6 m ²
6. Kõrvalaadimise pind	10,2 m ²

$$K_1 = \frac{\text{elamisruumid}}{\text{kasulik pind}} = \frac{22,1}{37,6} = 0,59$$

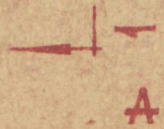
$$K_2 = \frac{\text{elamu eesruumi kubatuur}}{\text{elamisruumid}} = \frac{176,8}{22,1} = 8,0$$

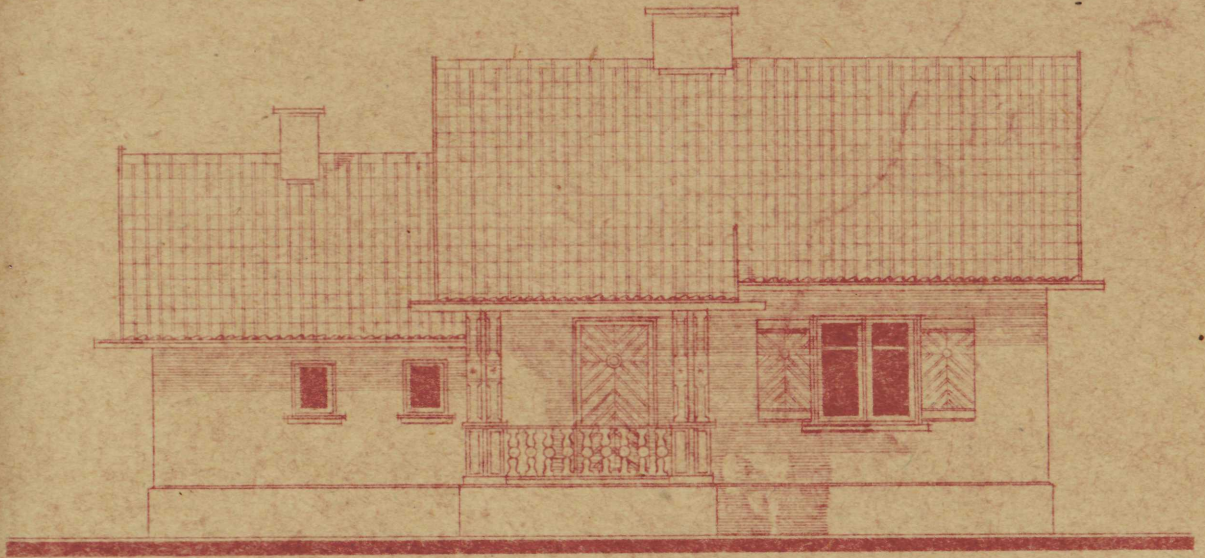
Põhikonstruktsioonide iseloomustus.

Alusmüürid - looduslikust kivist; välisseinad - nn. Harju sein; sisemised seinad - siltkattelistest - 25 cm; vaheseinad - puutõkestikestest; vahelaed - puutaladele võrakuistitega; põrandad - punnitud laudadest, asetatud puutlaagile, millele teetved siltkattestidele; maaüksikis betoonist; trepid - puit; katused - eterniit, plekk või ruberoid.



PÕHIKORRUS

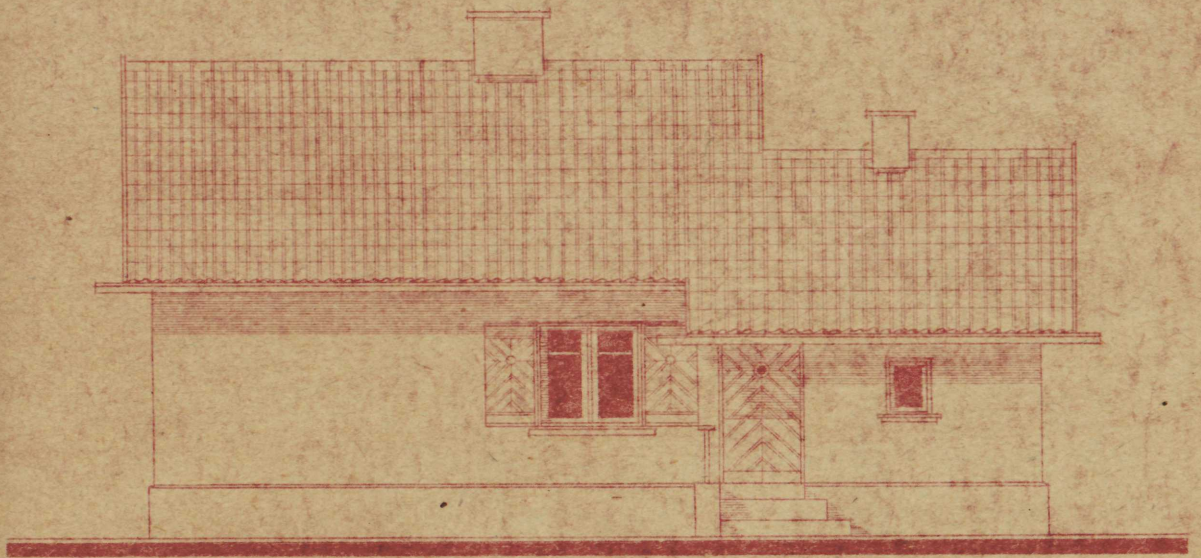




VAADE A



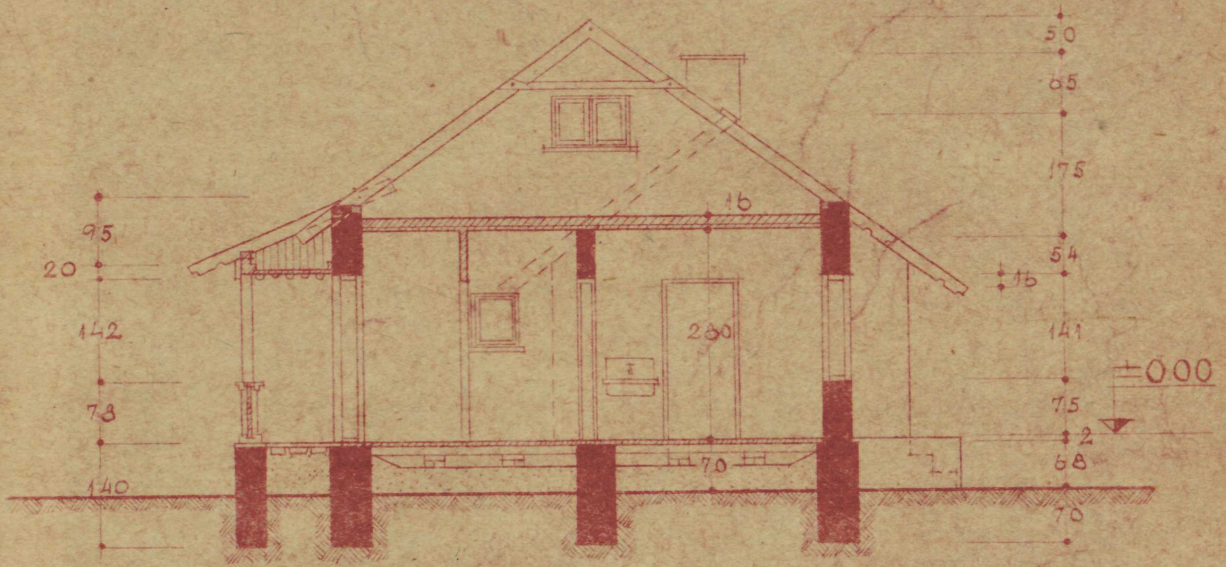
VAADE B



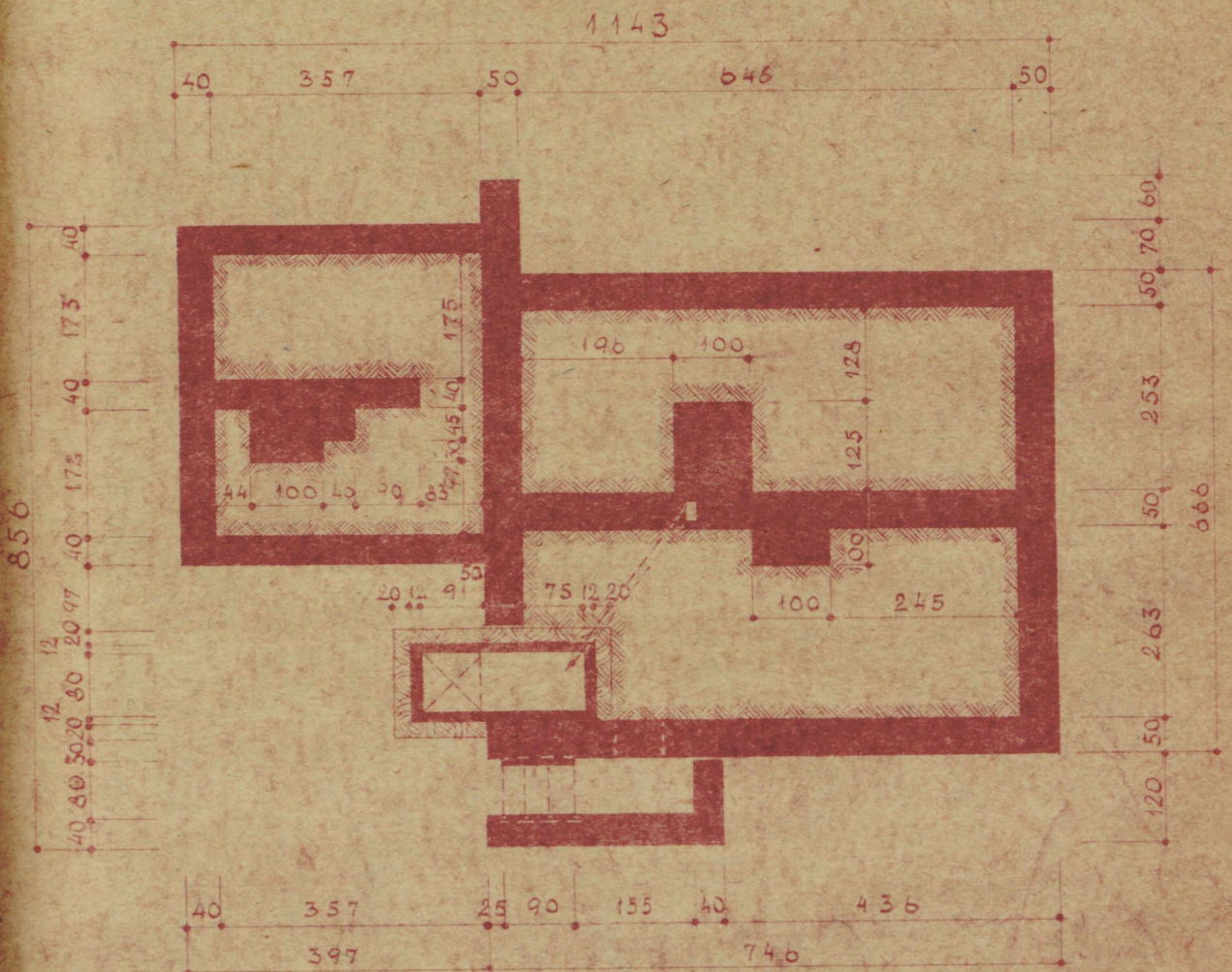
VAADE D



VAADE E



LÕIGE A



ALUSMÜÜRID

KAHETKORDINE LINDI VIIBU ALLELÄNU PÄRITUSTEOSTAT

(SUURUSE)

Tehno-ökonoamilised näitajad:

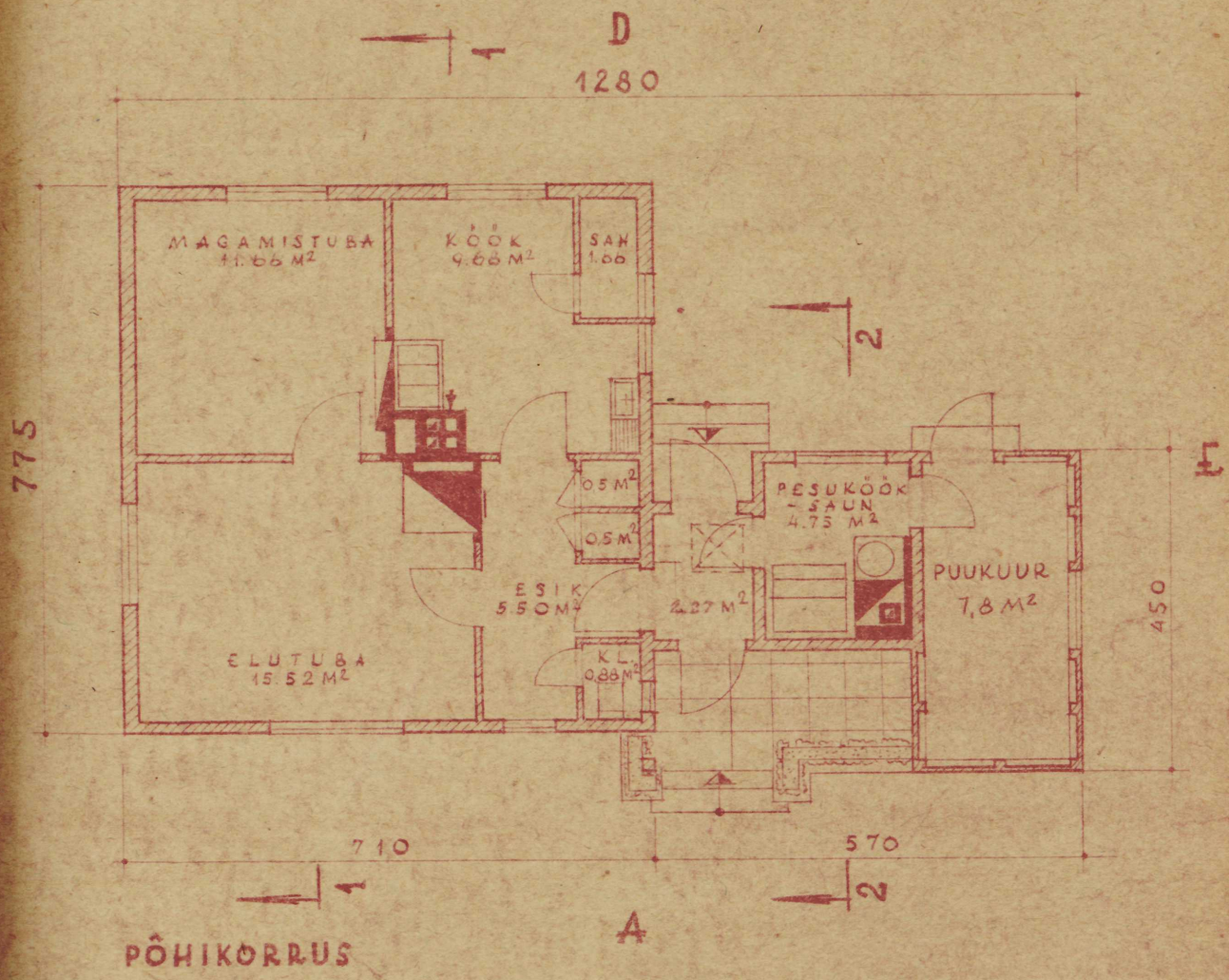
1. Siltvõlvkond pind	82,11 m ²
2. Klauvi kubituur	206,4 m ³
3. Kõrvalhoonega kubituur	206,2 m ³
4. Elamis pind	27,2 m ²
5. Kesklik pind	45,9 m ²
6. Kõrvalruumide pind	11,8 m ²

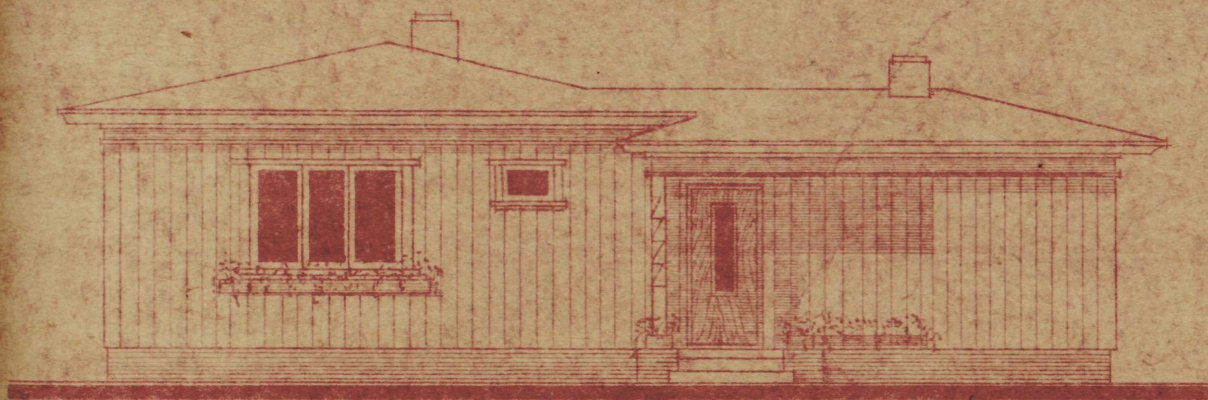
$$K_1 = \frac{\text{elamis pind}}{\text{kesklik pind}} = \frac{27,2}{45,9} = 0,59$$

$$K_2 = \frac{\text{elamu maapealne kubituur}}{\text{elamis pind}} = \frac{206,4}{27,2} = 7,59$$

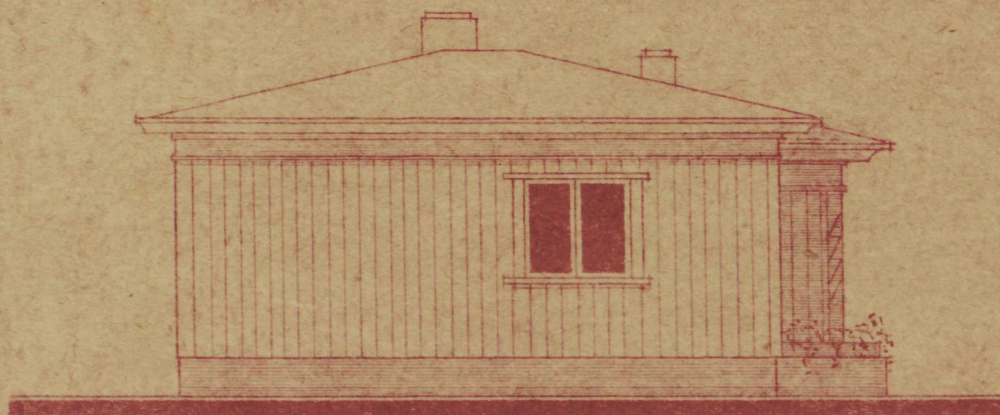
Põhikonstruktsioonide iseloomustus.

Alusmüürid - looduslikust kivist, välis- ja sisemised kannad - puitkonstruktsioonide termoliititega; vahesseinad - puidust; vanaaiaid puittaladel termoliititega; põrandad - püstitud laudadest; trepp - paeaknudega; katuse - plekk või ruberoid.

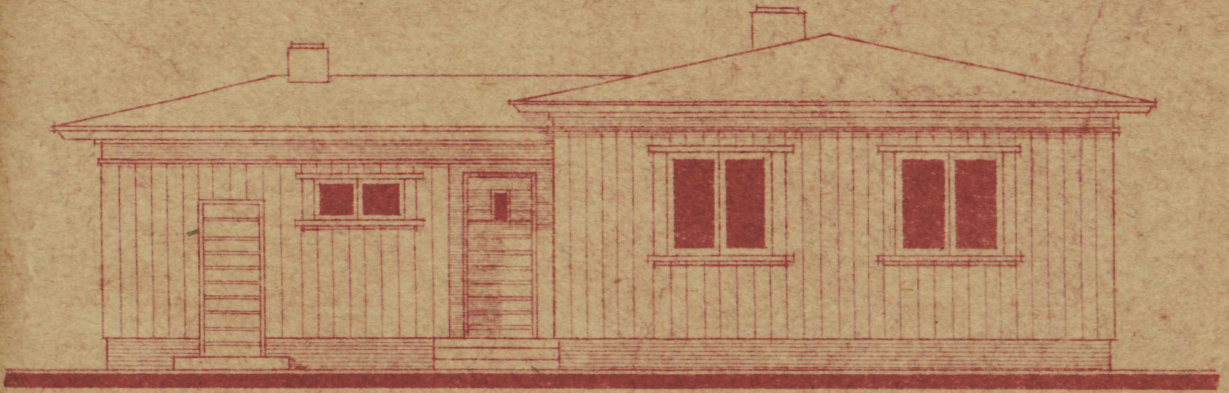




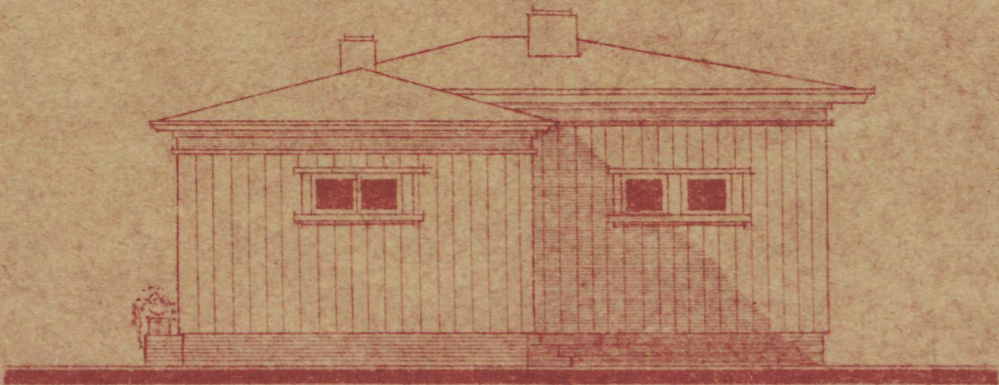
VAADE A



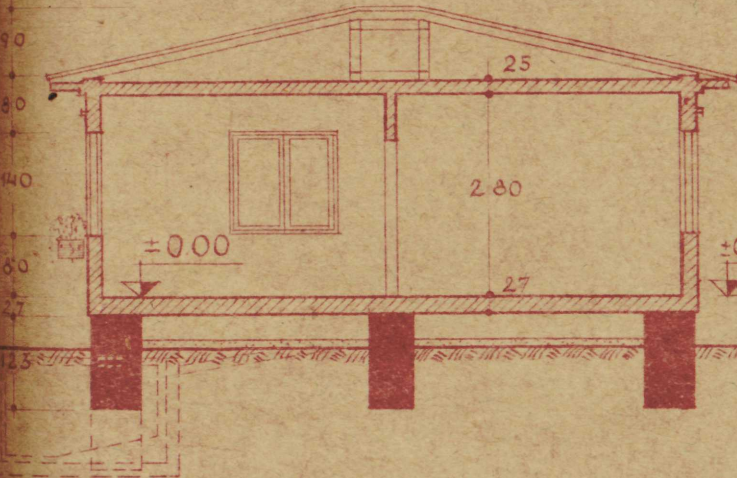
VAADE B



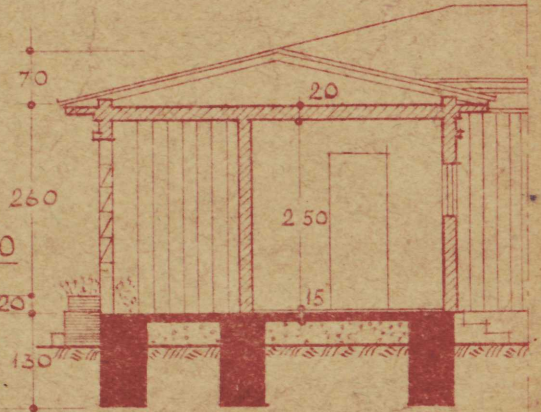
VAADE D



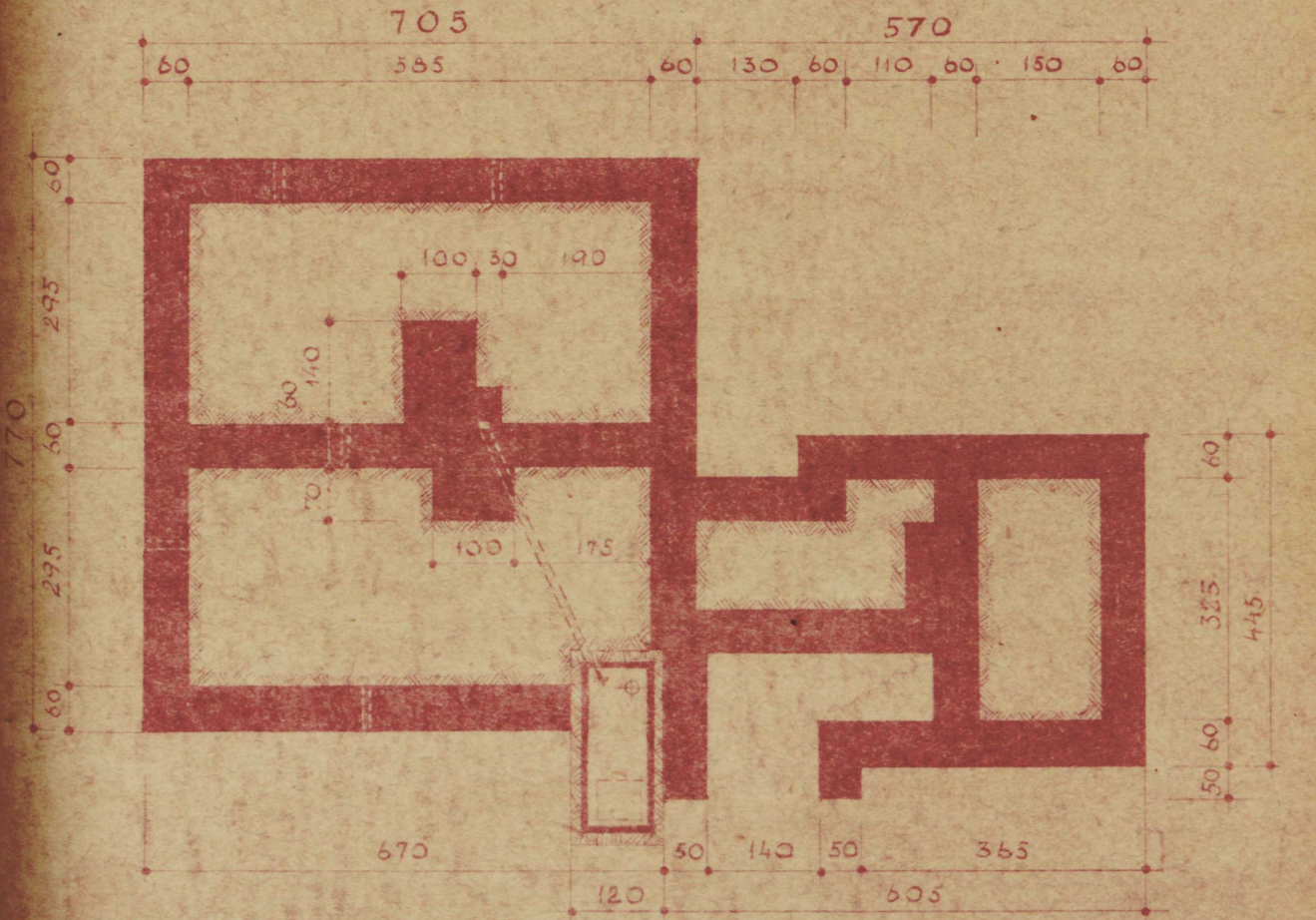
VAADE E



LÕIGE 1-1



LÕIGE 2-2



ALUSMÜÜRID

NAHKE-RIISE INDIVIDUAALNE LINDU TULESUHEDOOL
(KIVIIST)

Tehnikoökonomilised näitajad:

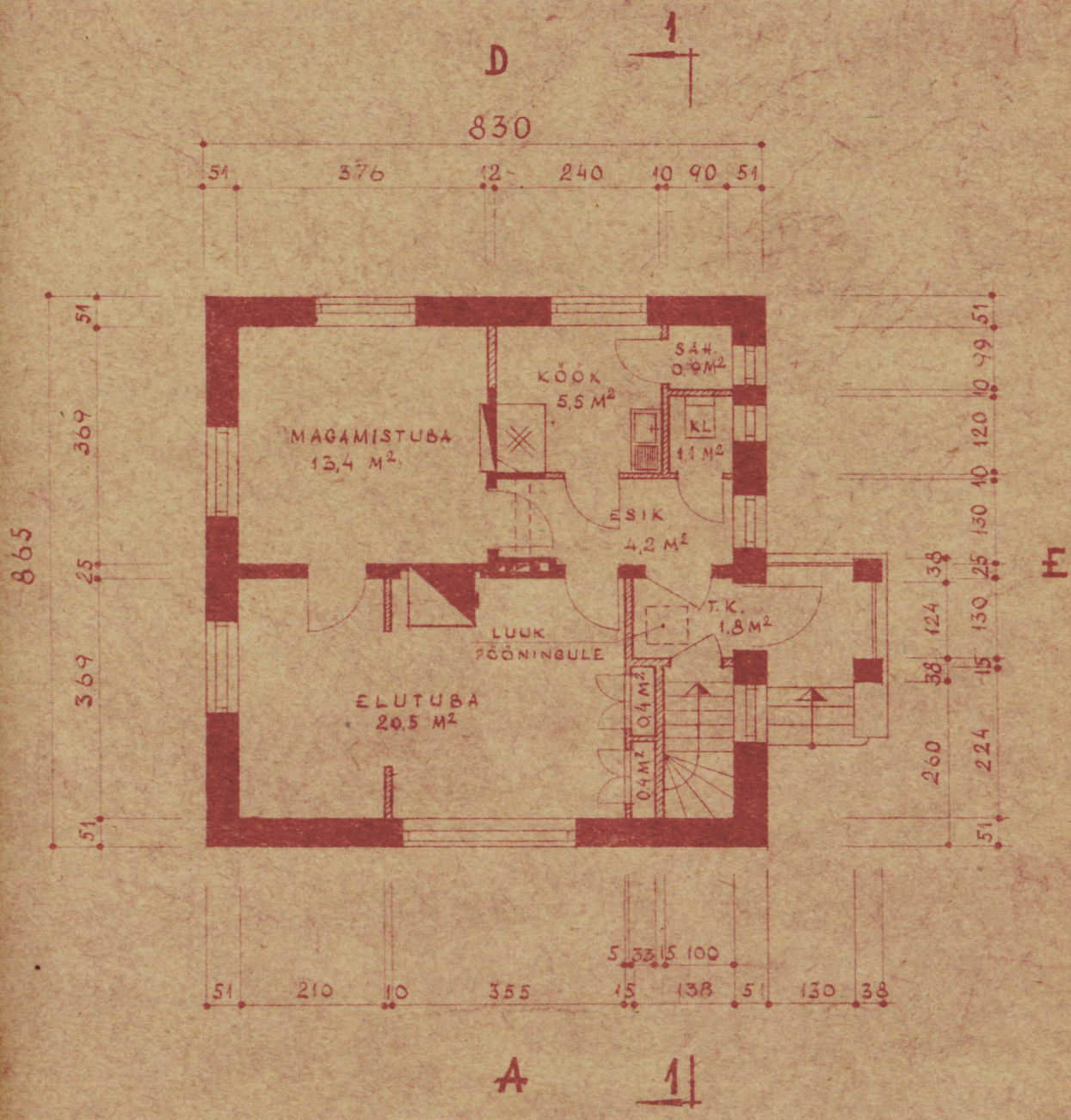
1. Kiviühikuid	78,5 m ²
2. Maapealne kubaatuur	265,7 m ³
3. Keldruga kubaatuur	307,6 m ³
4. Elamisruumid	34,7 m ²
5. Kõuküla ruumid	48,2 m ²

$$K_1 = \frac{\text{elamisruumid}}{\text{kõuküla ruumid}} = \frac{34,7}{48,2} = 0,72$$

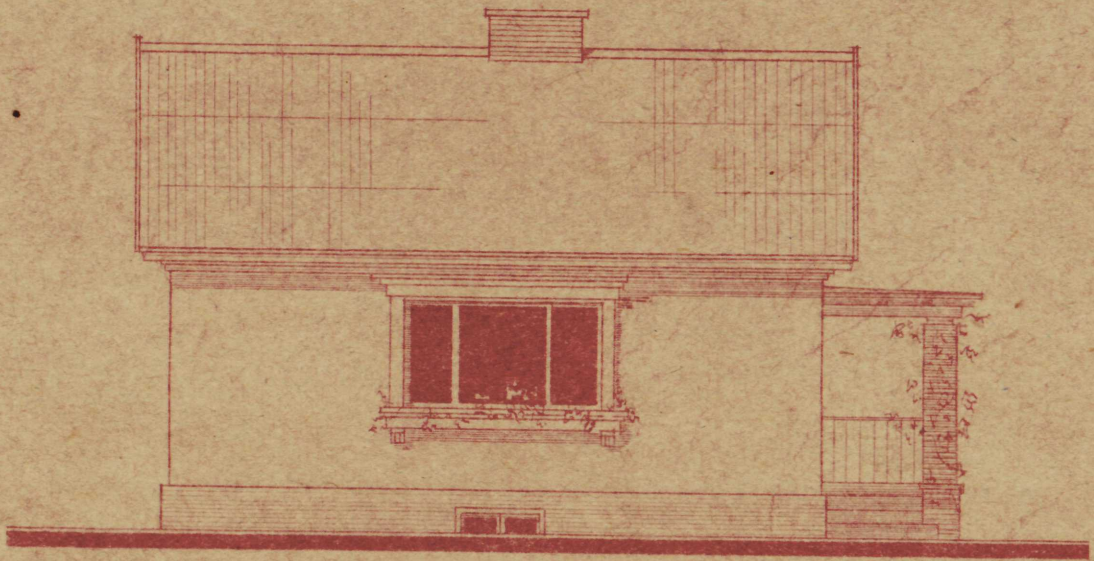
$$K_2 = \frac{\text{maapealne kubaatuur}}{\text{elamisruumid}} = \frac{265,7}{34,7} = 7,7$$

Põhikonstruktsioonide isoleeritus.

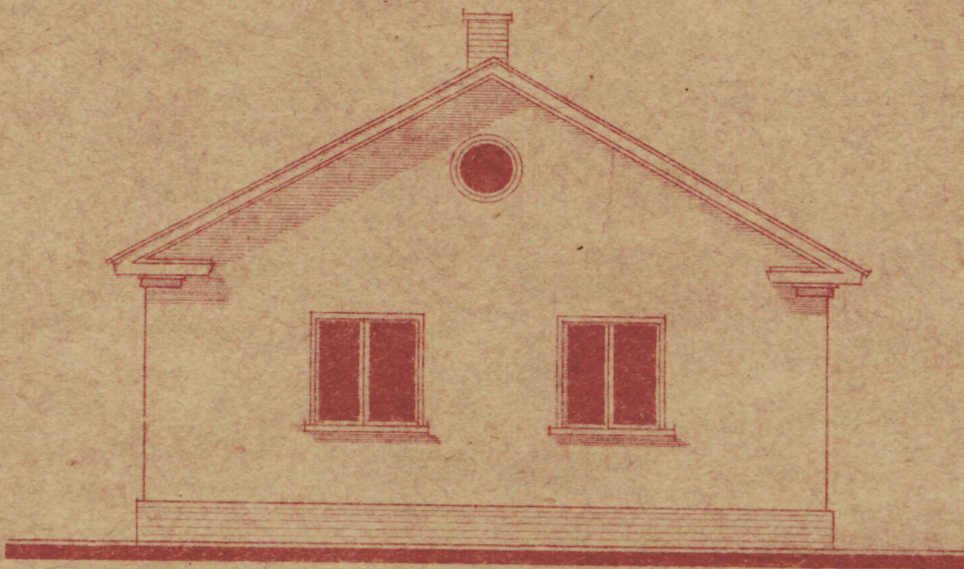
Alusmüürid - loomulikult kiviist; välisseinad - lo-
pov-Orljankini s. tüüpi silikaatliistest termo-
liitliitega; sisemised kanded - s. silikaatliistest
25 cm; vaheseinad - puudust sõrestikkonstruktsioon;
vahelõuad - puittüüpi termaliitliitega; põrandad -
keldris ja kühikutes betoonist, eluruumides puunitud
lauadest; trepid - betoonist; katused - etemüüridist.



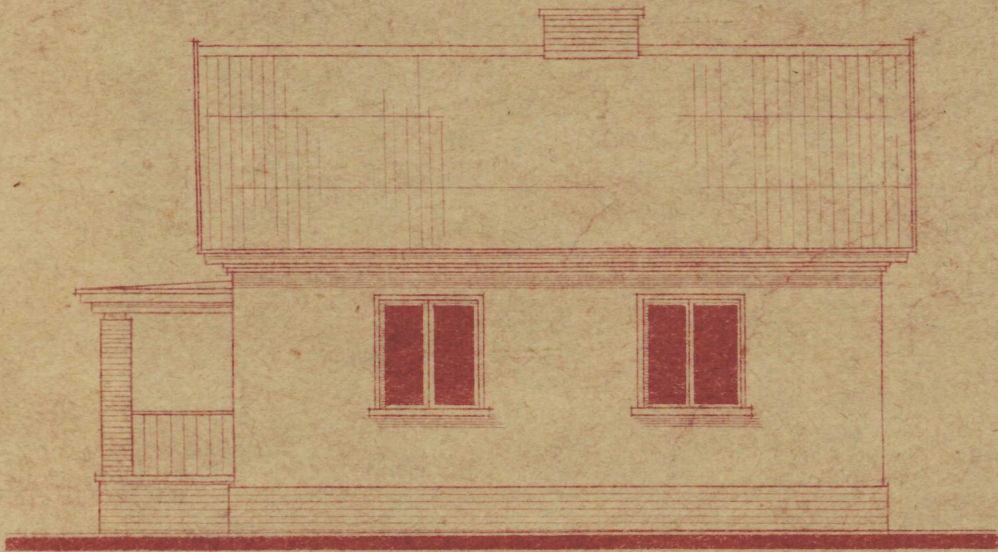
PÕHIKORRUS



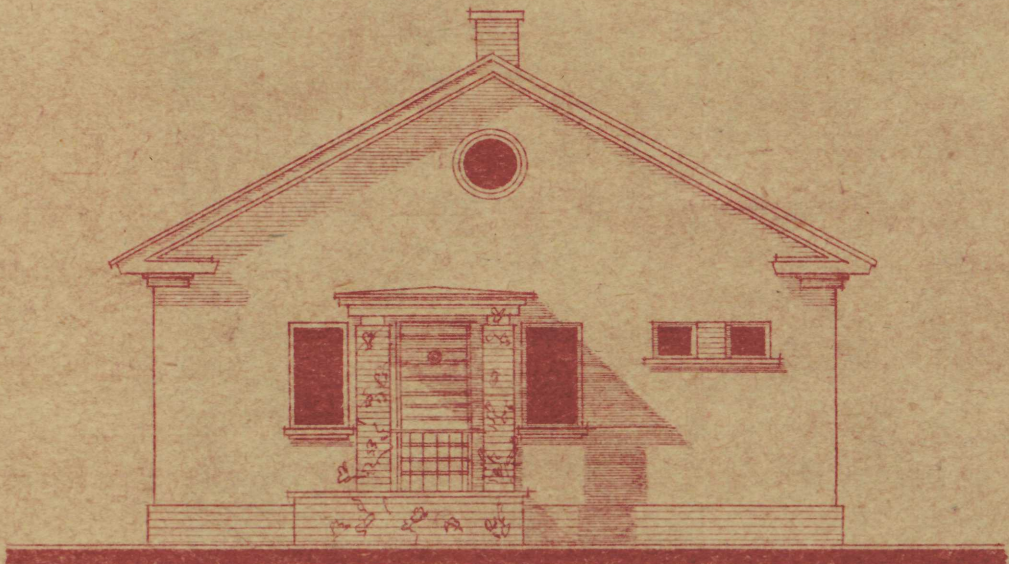
VAADE A



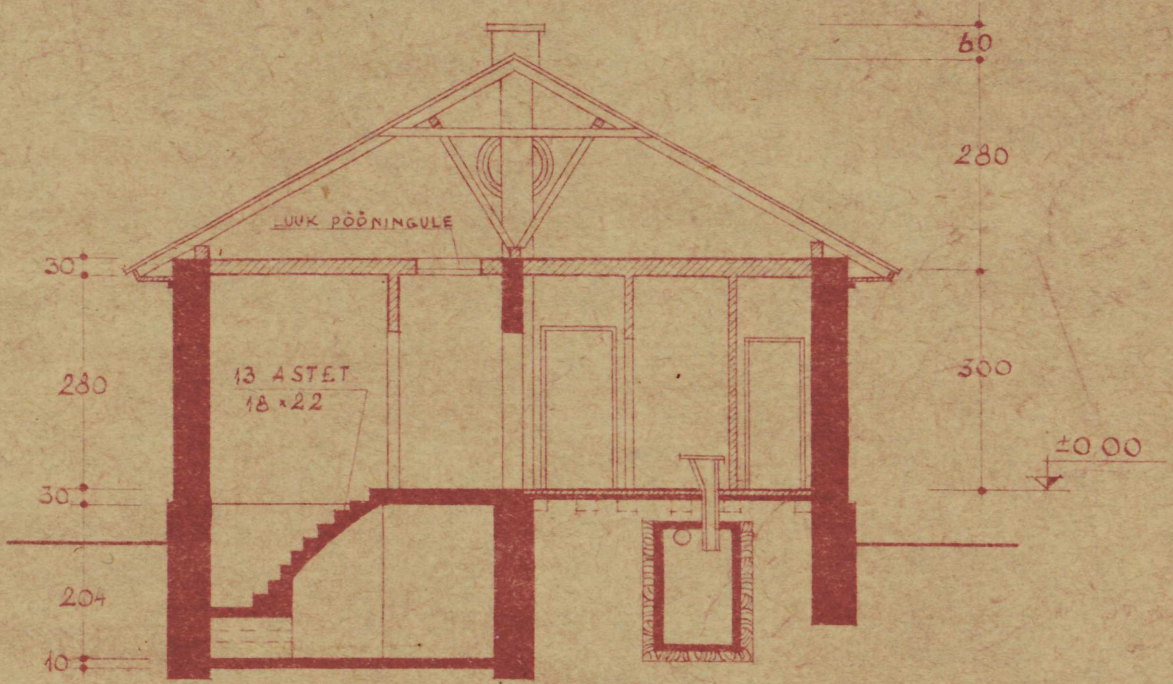
VAADE B



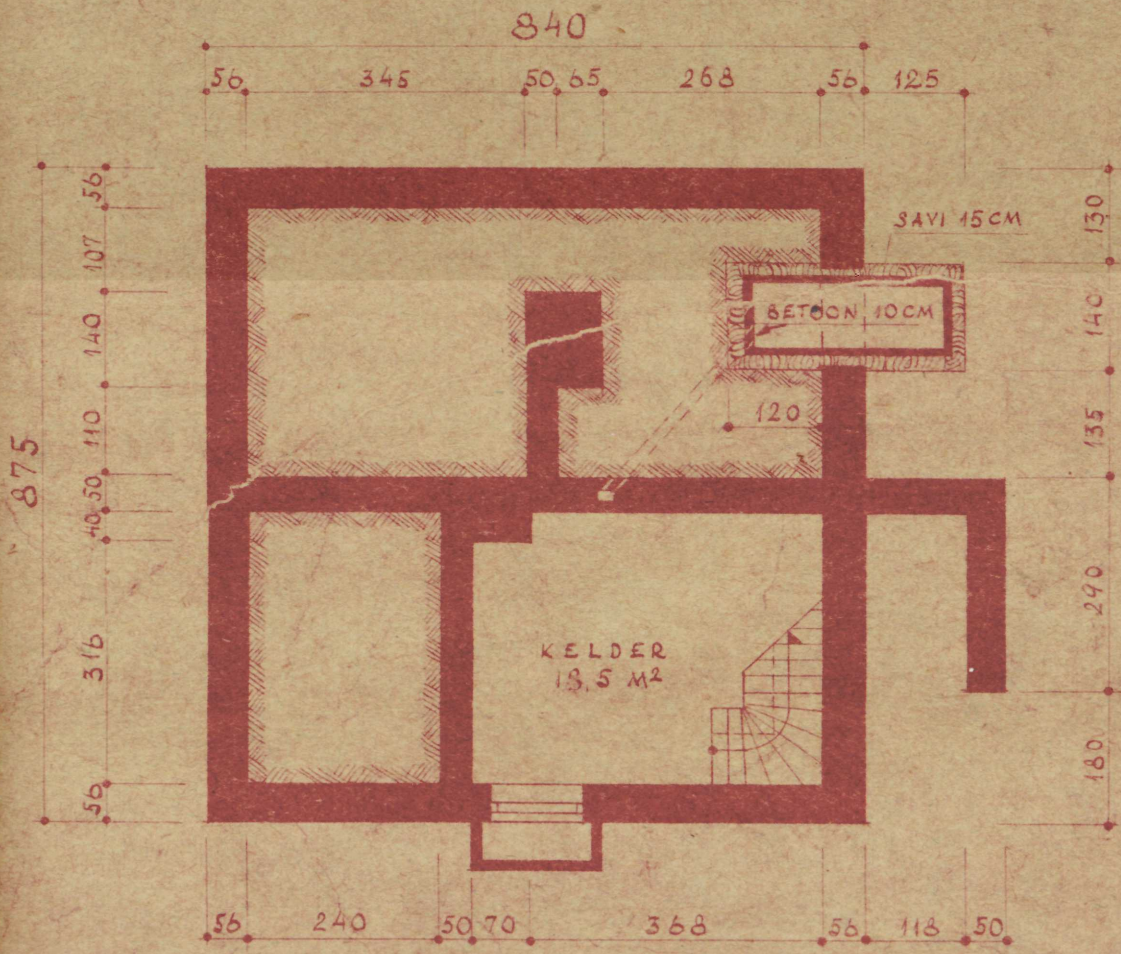
VAADE D



VAADE E



LÕIGE 1-1



KELDRIKORBUS

KOLMEKALISE INDIVIDUAALNE KÜTEKORRA
(SISSE)

Algne-üksuseväärtused ja liid:

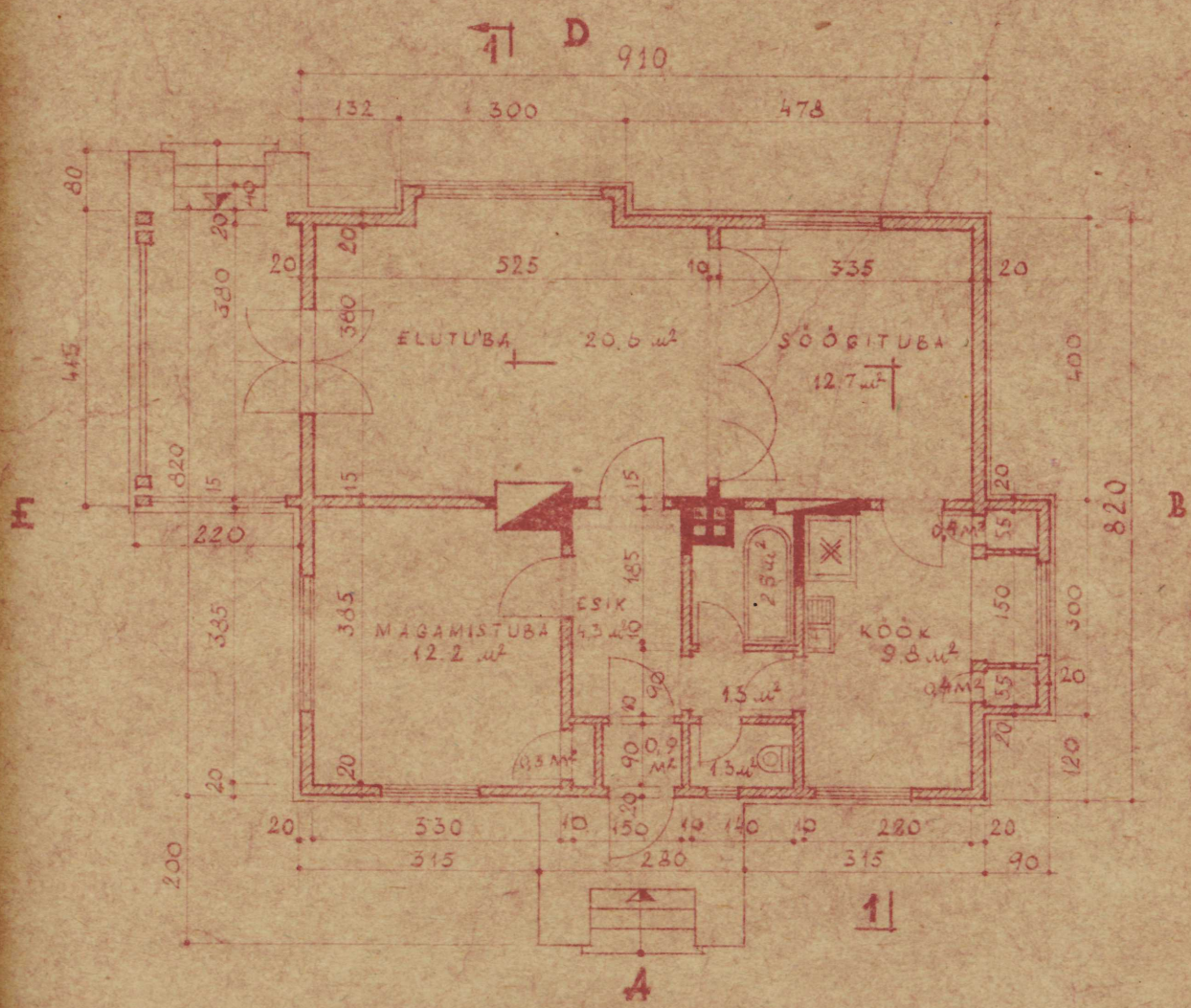
- | | |
|-----------------------|----------------------|
| 1. Ahisaalune pind | 16,3 m ² |
| 2. Massaalne kuberuur | 299,8 m ² |
| 3. Kalliriga kuberuur | 125,0 m ² |
| 4. Alasvinda | 15,5 m ² |
| 5. Kallirik pind | 66,7 m ² |

$$K_1 = \frac{\text{alasaalune pind}}{\text{kallirik pind}} = \frac{16,3}{66,7} = 0,245$$

$$K_2 = \frac{\text{massaalne kuberuur}}{\text{alasaalune pind}} = \frac{299,8}{15,5} = 19,34$$

Põhikontstruktsiooni iseloomud:

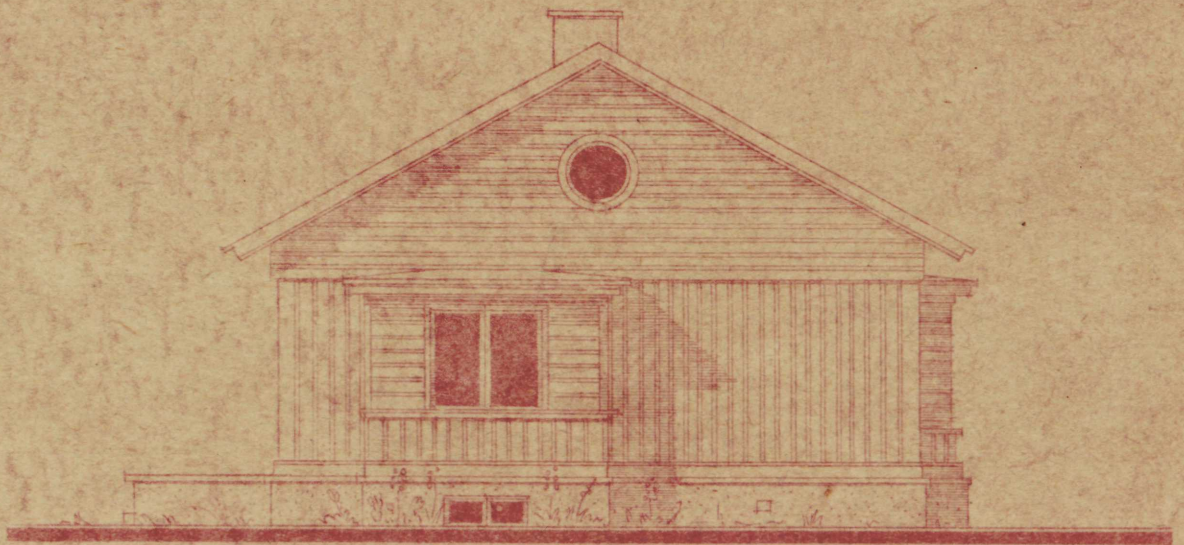
Alamkorr - laudkatted, kivist ja liiv-
 seinad - puidust sõrestatud kivist tero-
 litiitidega; laud - puitlaudade terolitiitidega;
 põrand - kivist, kivist ja tuhkkoor-
 kivist laudade betoonist, alusvundid punni-
 tud laudadest puitlaudade; trepp - puitkate-
 ge; katuse - stahv, plokki või paberid.



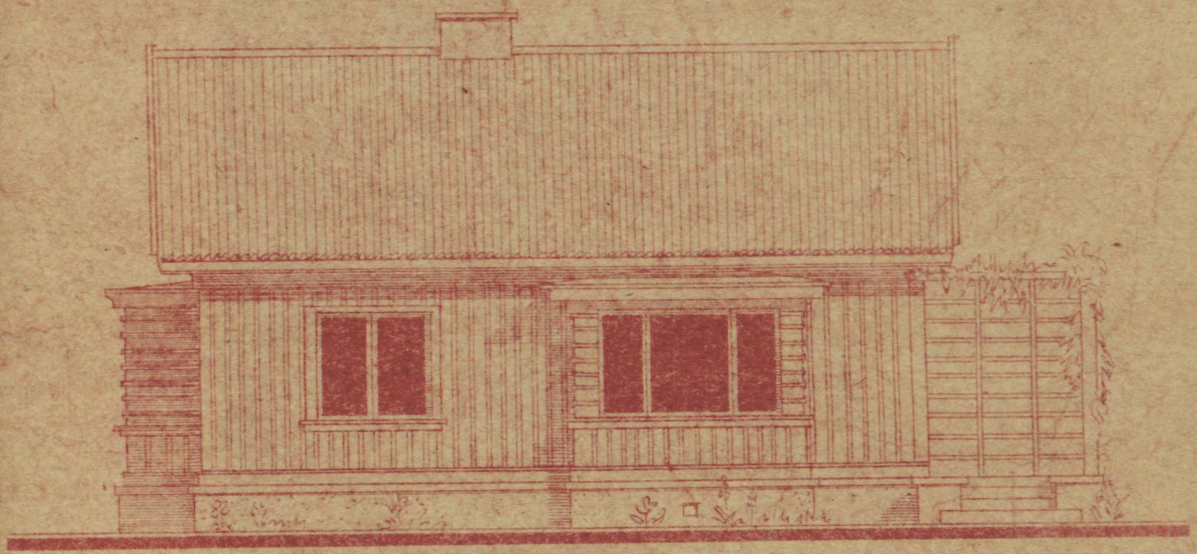
PÕHIKORRUS



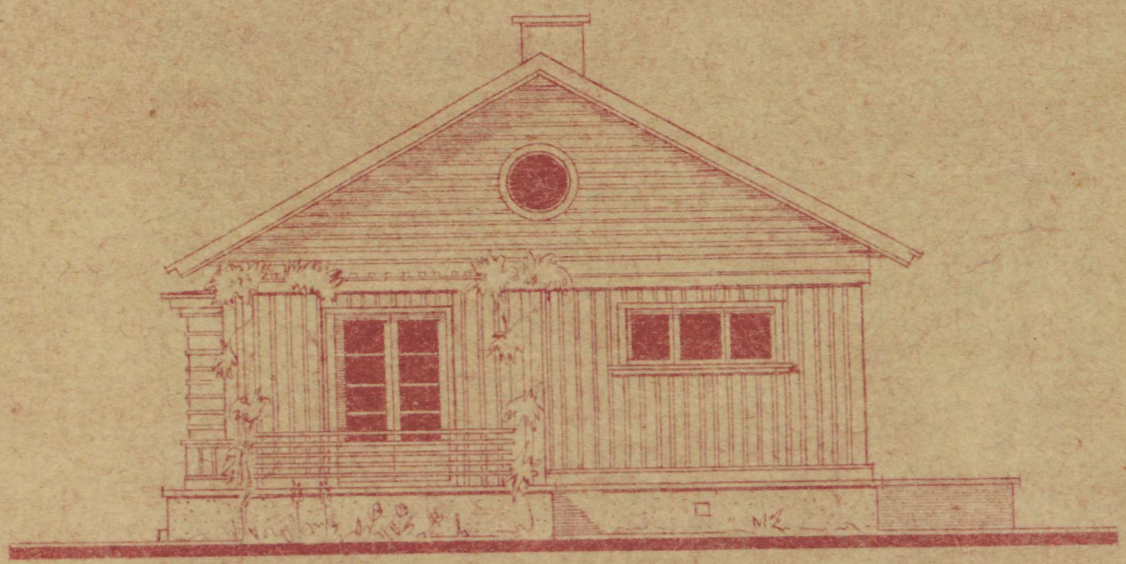
VAADE A



VAADE B

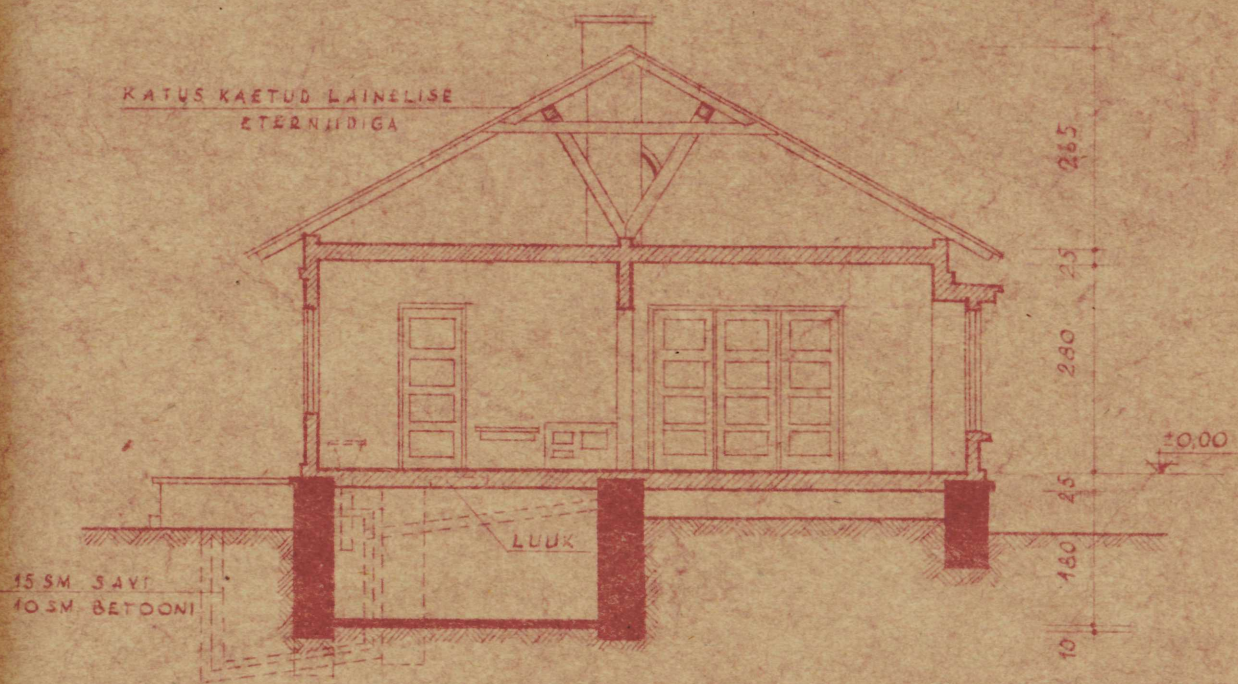


VADE D

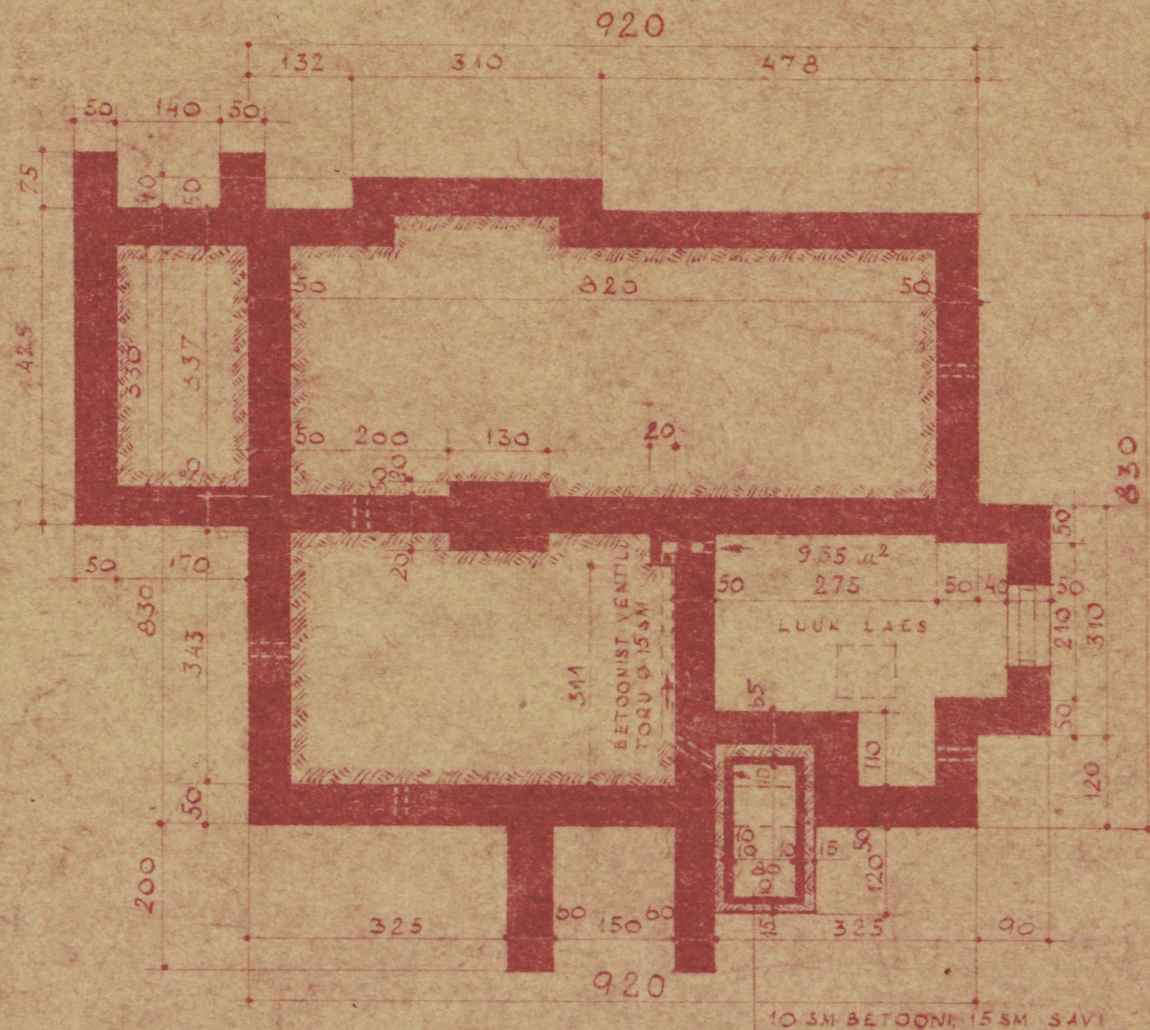


VADE E

KATÜS KAETUD LAINELISE
ETERNIDIGA



LÕIGE 1-1



KELDRIKORRUS

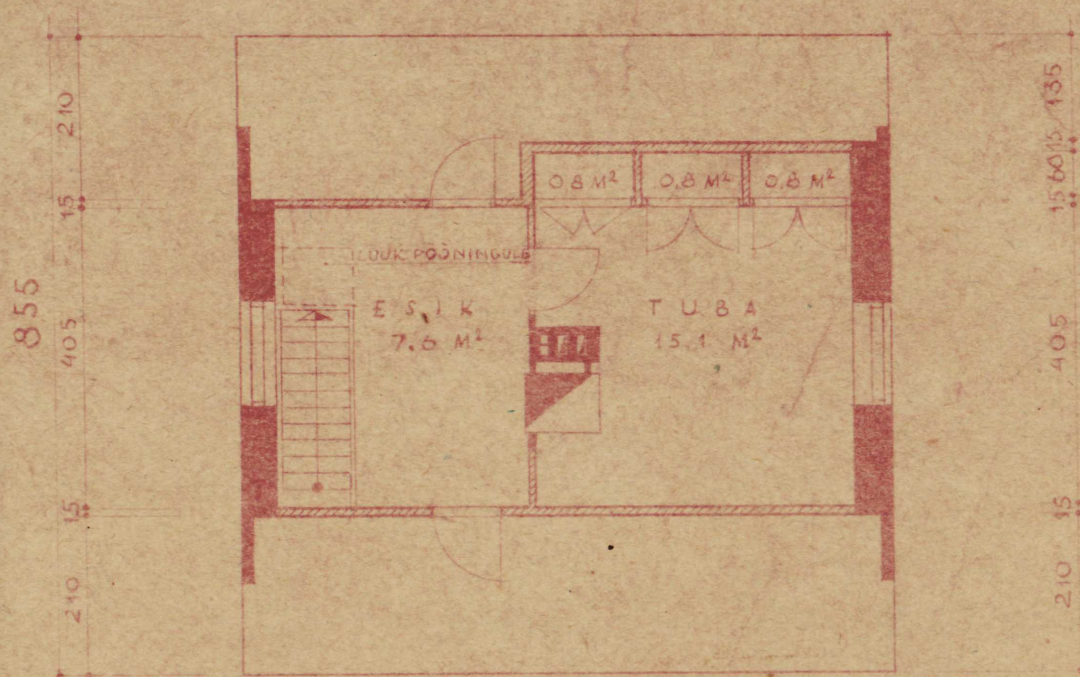
KOIKETALISE LINDILOUAREALU KIVITAMINE
(KIVIST)

Tehno-ökonomilised arvutused:

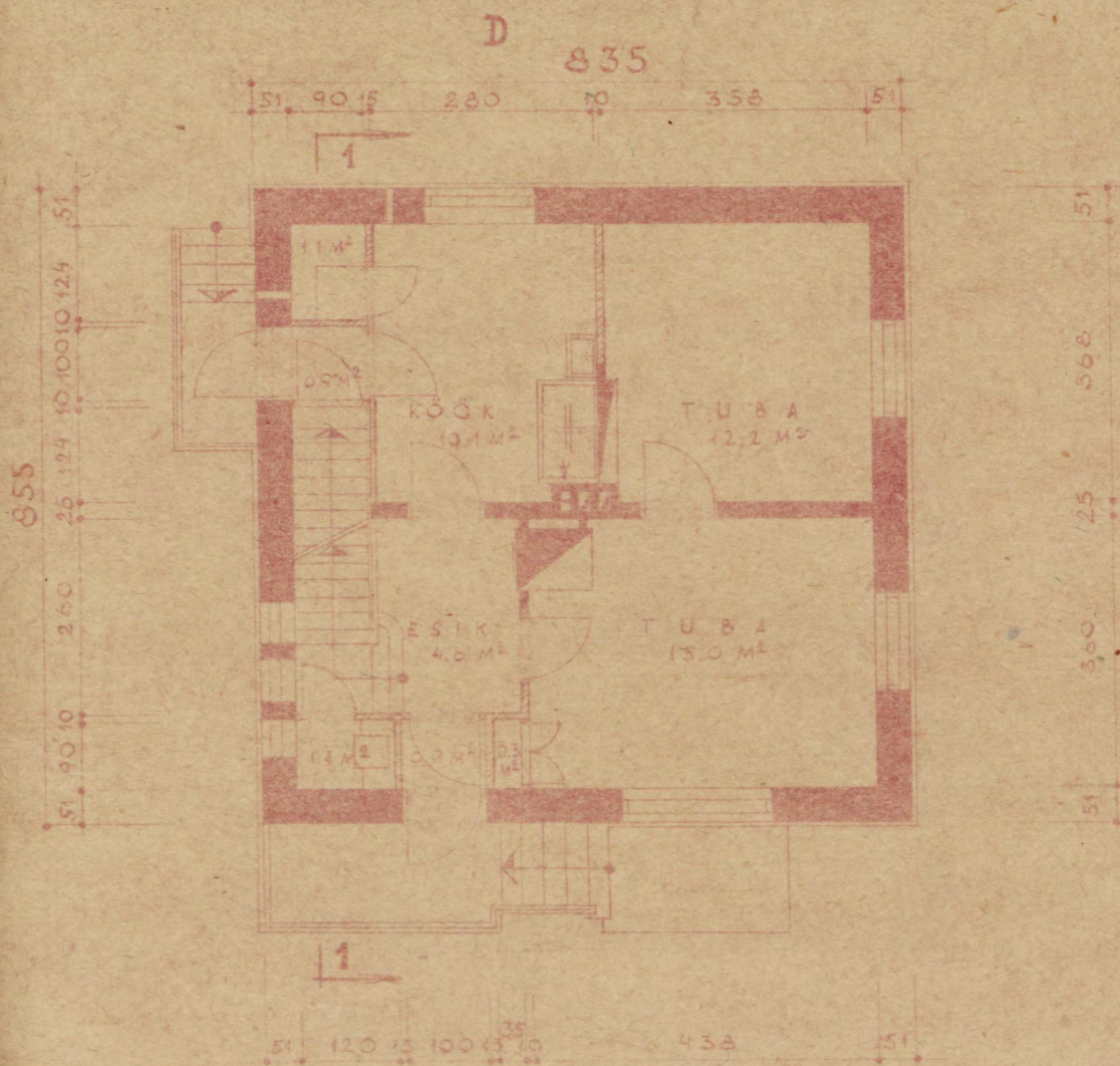
1. Kõitvaskune viind	81,5 m ²
2. Määrde lase kubatuur	180,0 m ³
3. Tealdriiga kubatuur	175,2 m ³
4. Alamispind	42,30 m ²
5. Tavalik viind	71,0 m ²
$x_1 = \frac{\text{alamispind}}{\text{keevik viind}} = \frac{42,30}{71,00} = 0,60$	
$x_2 = \frac{\text{määrde lase kubatuur}}{\text{alamispind}} = \frac{180,0}{42,30} = 4,26$	

Põhikonstruktioonide kirjeldus.

Aluspõhjad - looduslikust kivist; vahiseppimised - silindrilistest nn. "Ceraudi" gaia 51 m paks; sisemine Kunda sein - silindrilistest 25 m paks; vahiseppimised - looduslik; vahelaud - kollis betoonist, laudtelatel, s. k. võrkraudl. niitidega; ühendused - kollis betoonist, alumisloa niitidega; laudtelad - kollis betoonist, alumisloa niitidega; aluspõhjad - looduslikust kivist; katus - kivi või sarniit.

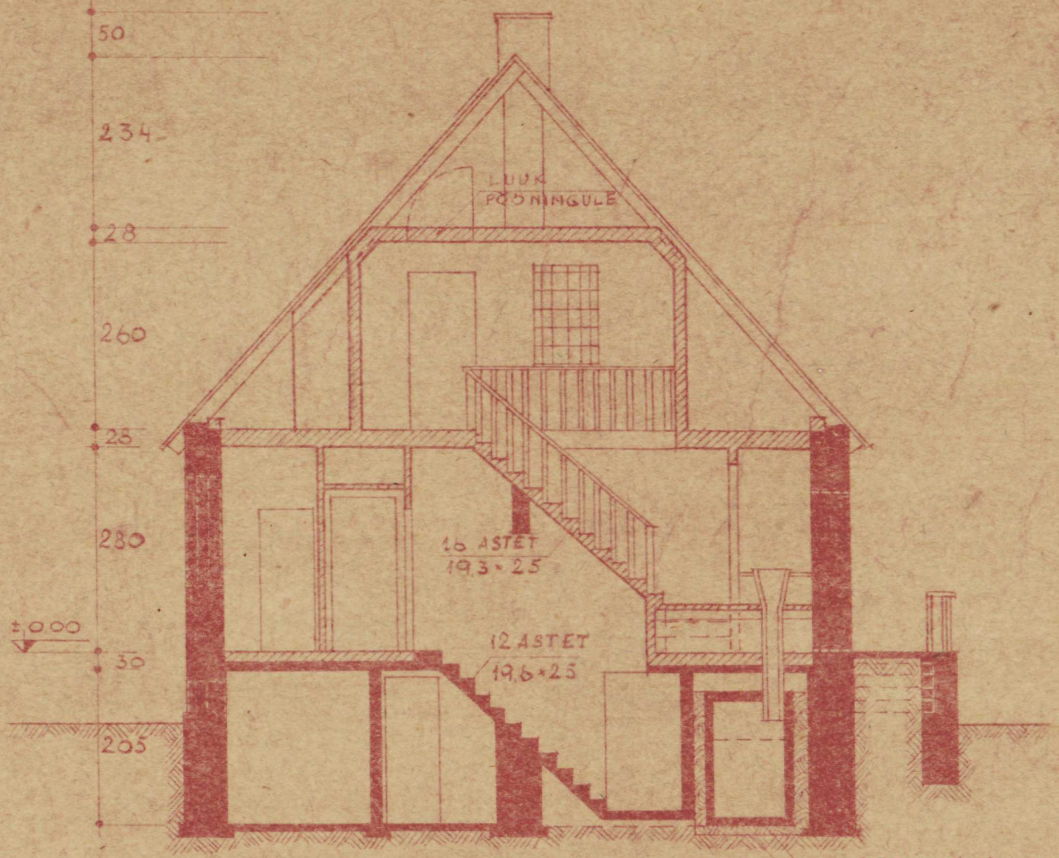


KATUSEKORRUS



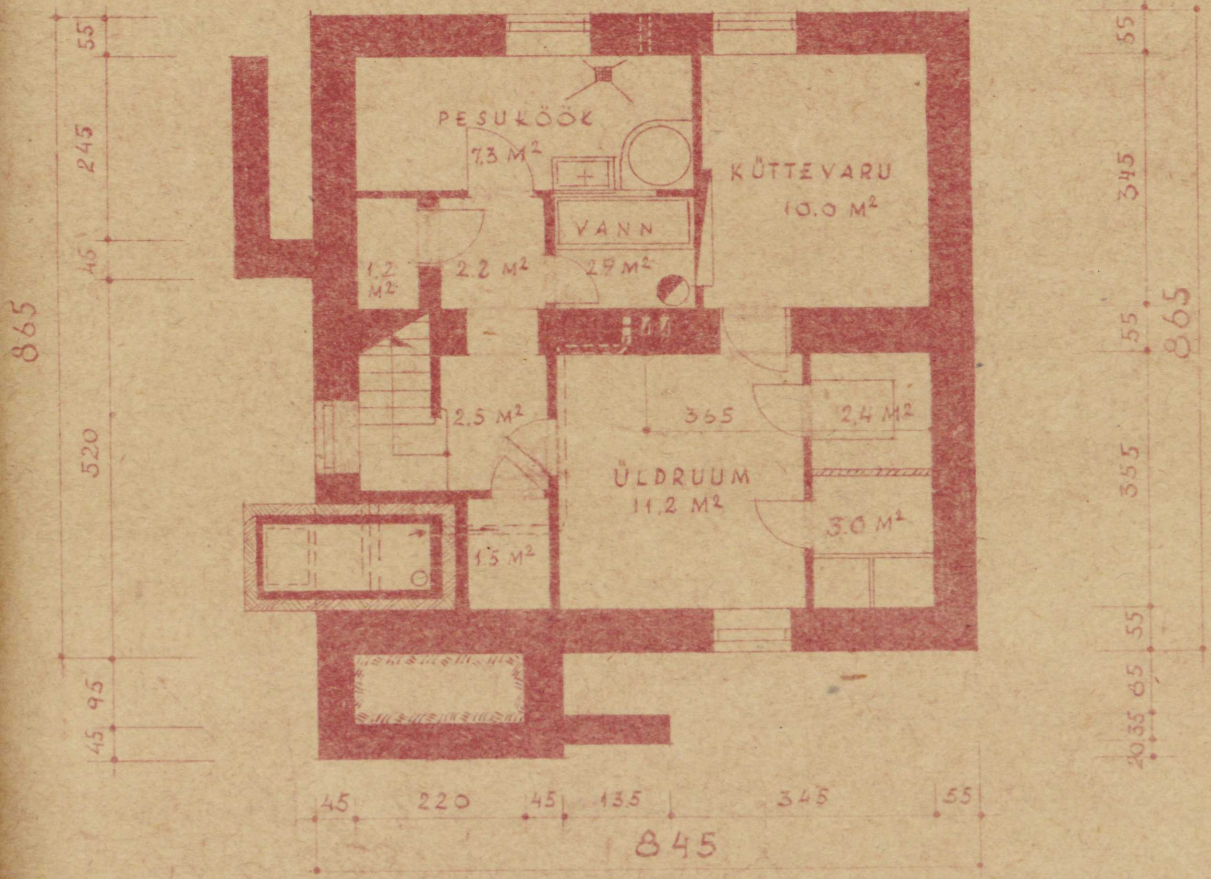
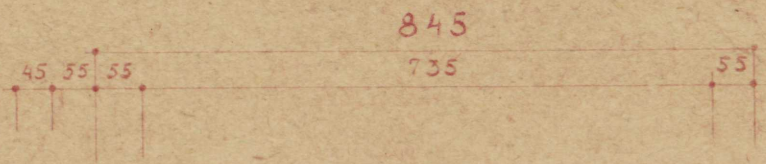
PÕHIKORRUS

A

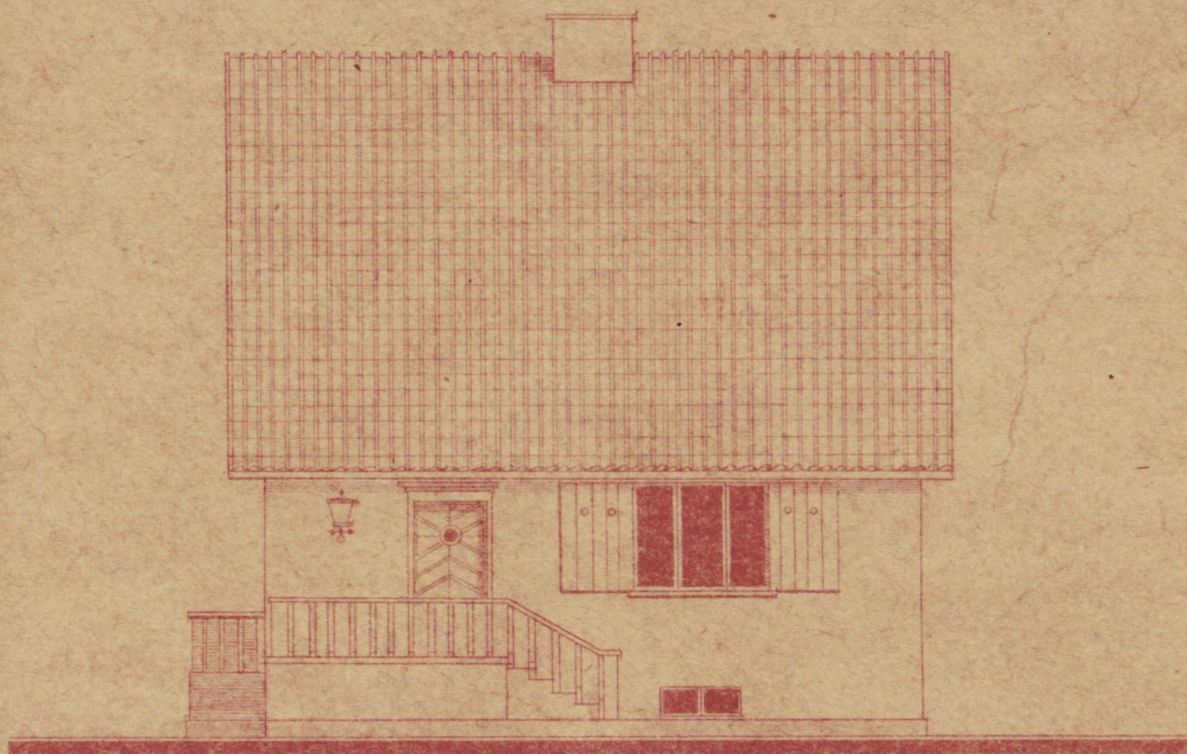


LÕIGE 1-1

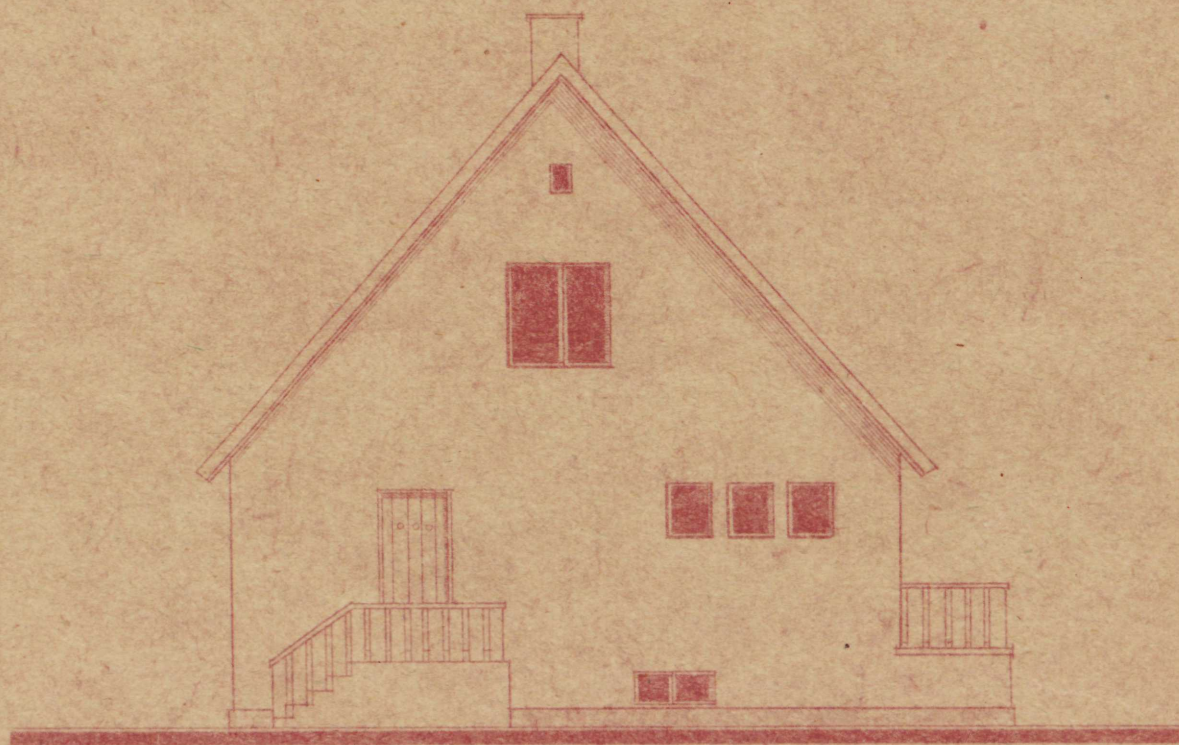
BETON 10 SM
SÄVI 15 SM



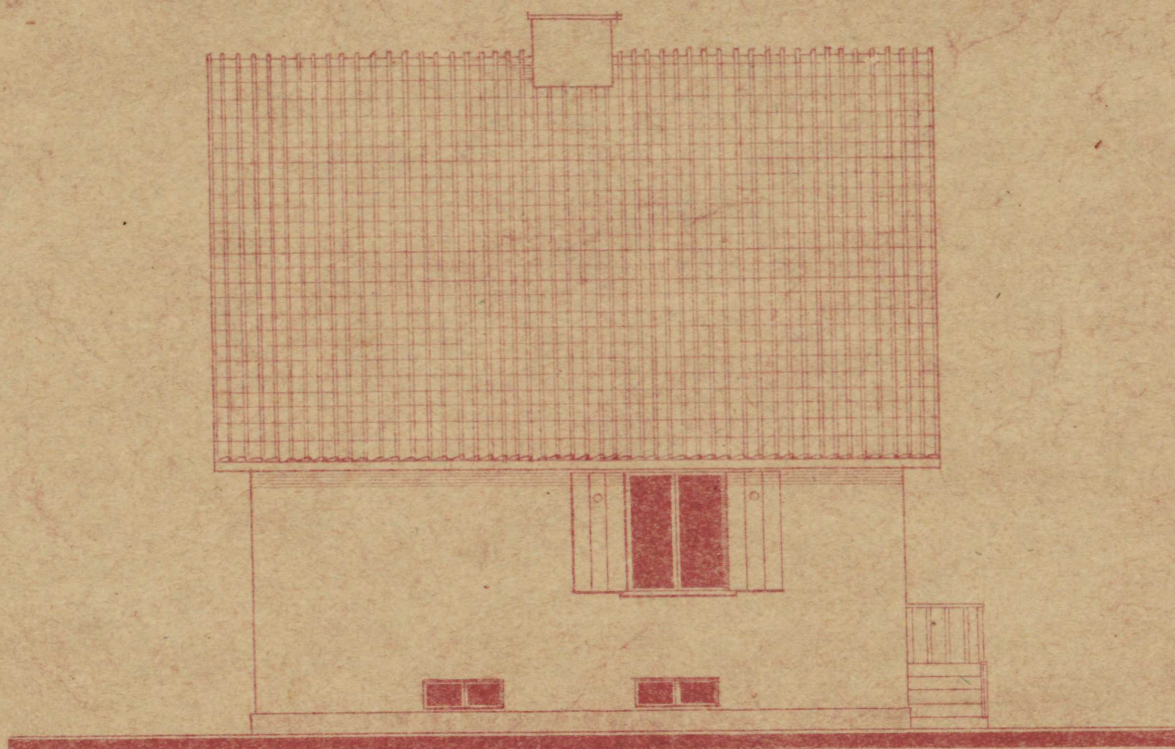
KELDRIKORRUS



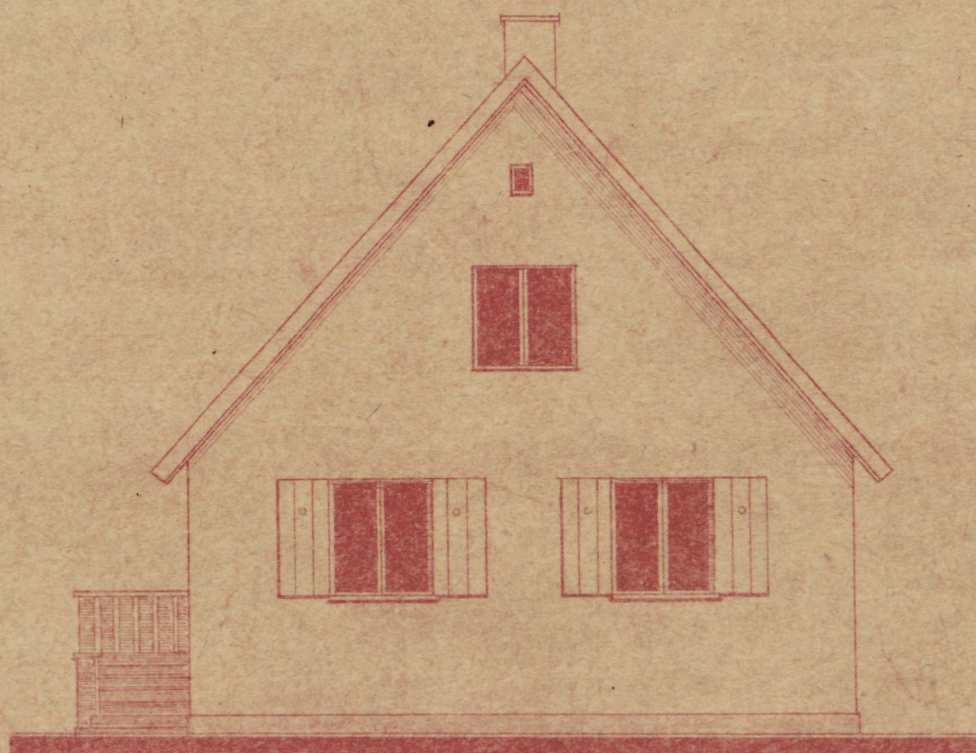
VAADE A



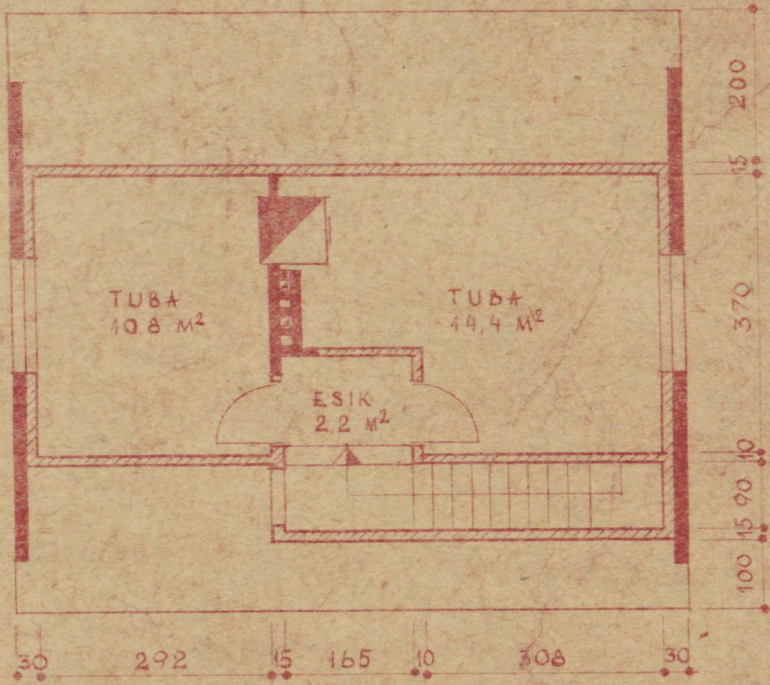
VAADE E



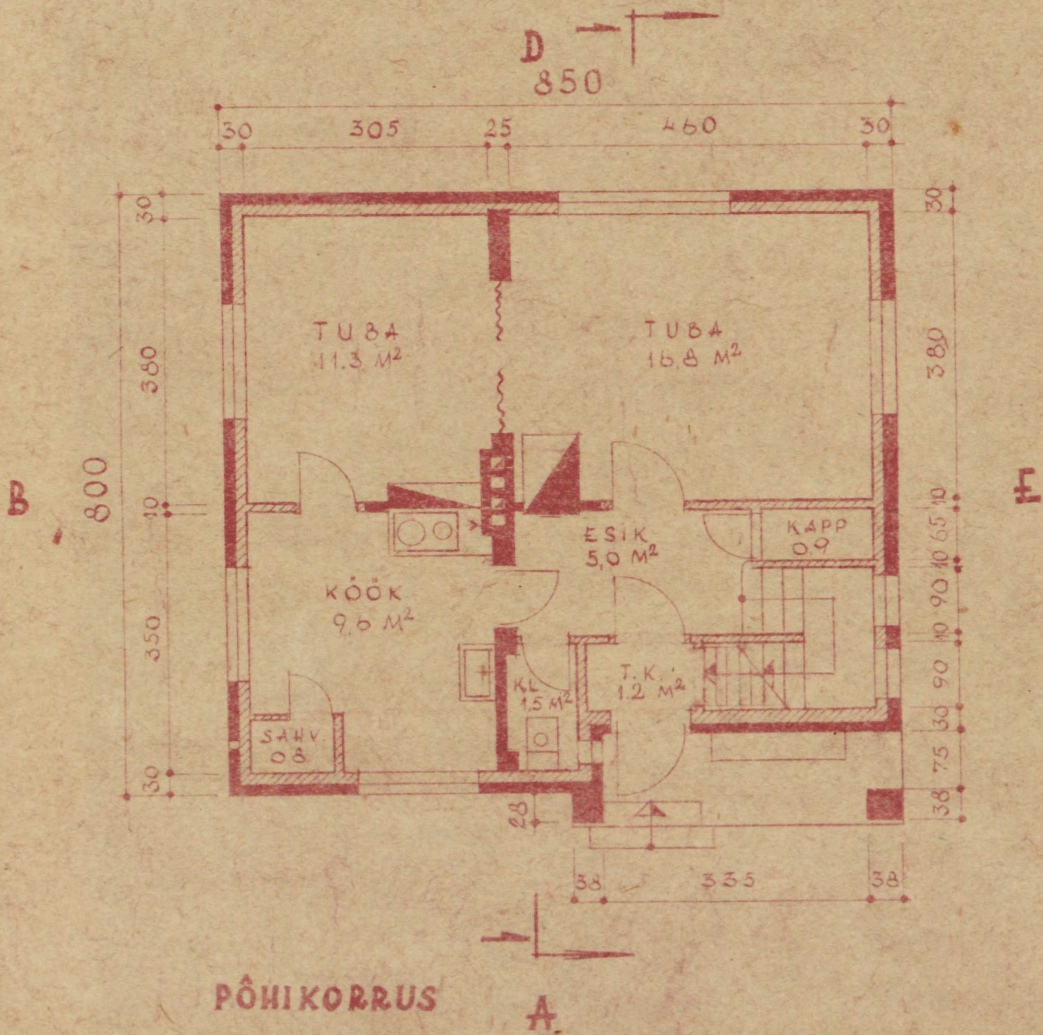
VAADE D



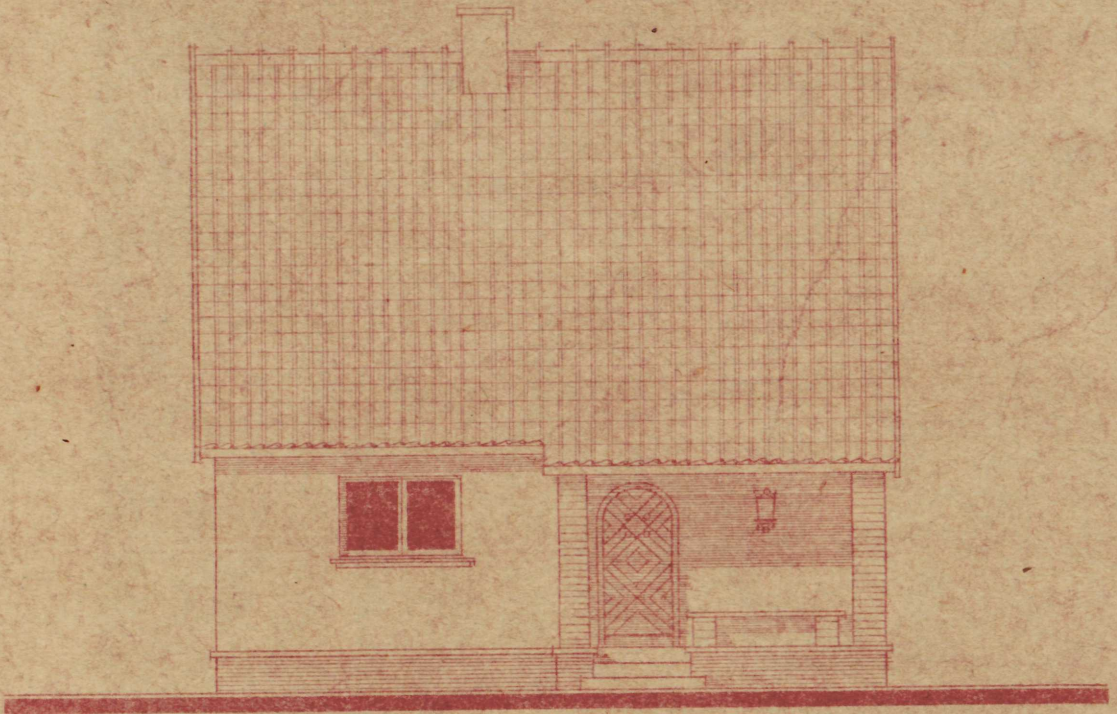
VAADE B



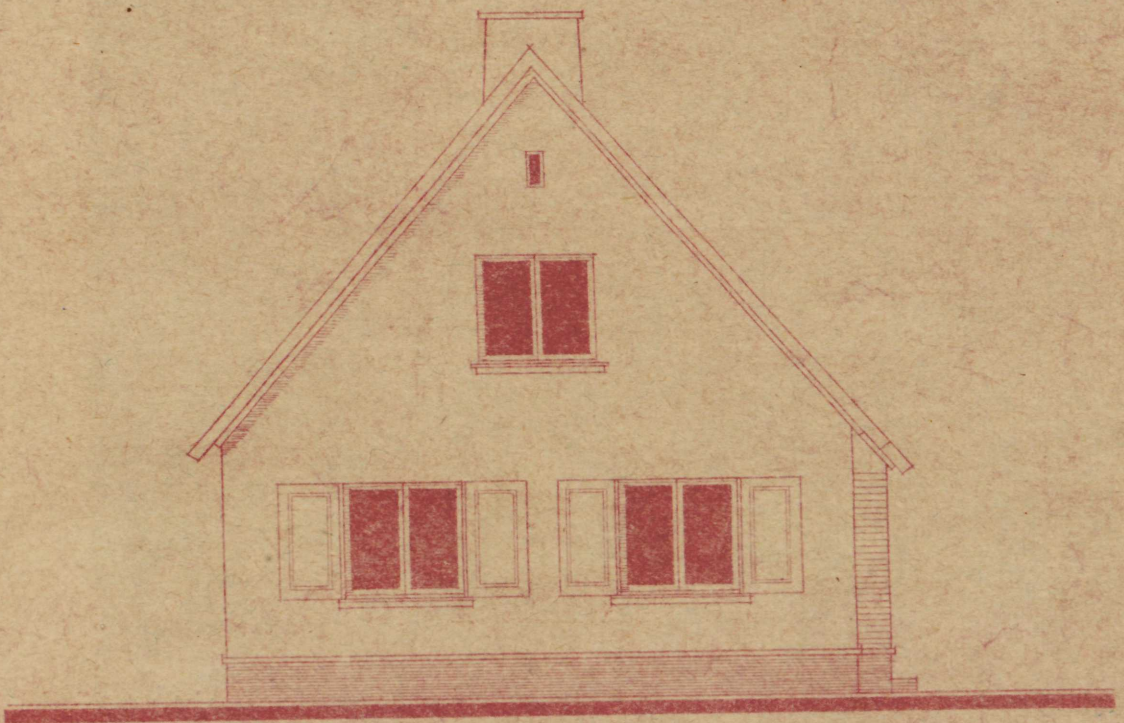
KATUSEKORRUS



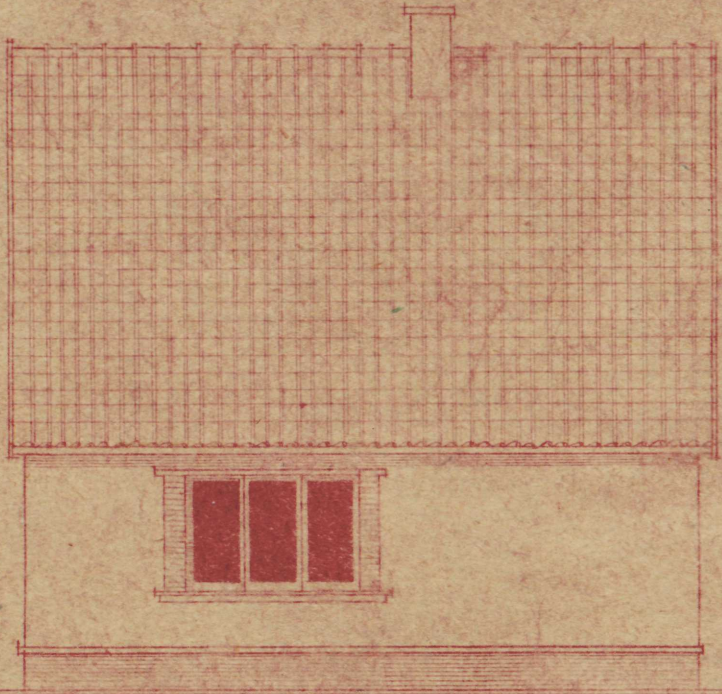
PÕHIKORRUS



VAADE A



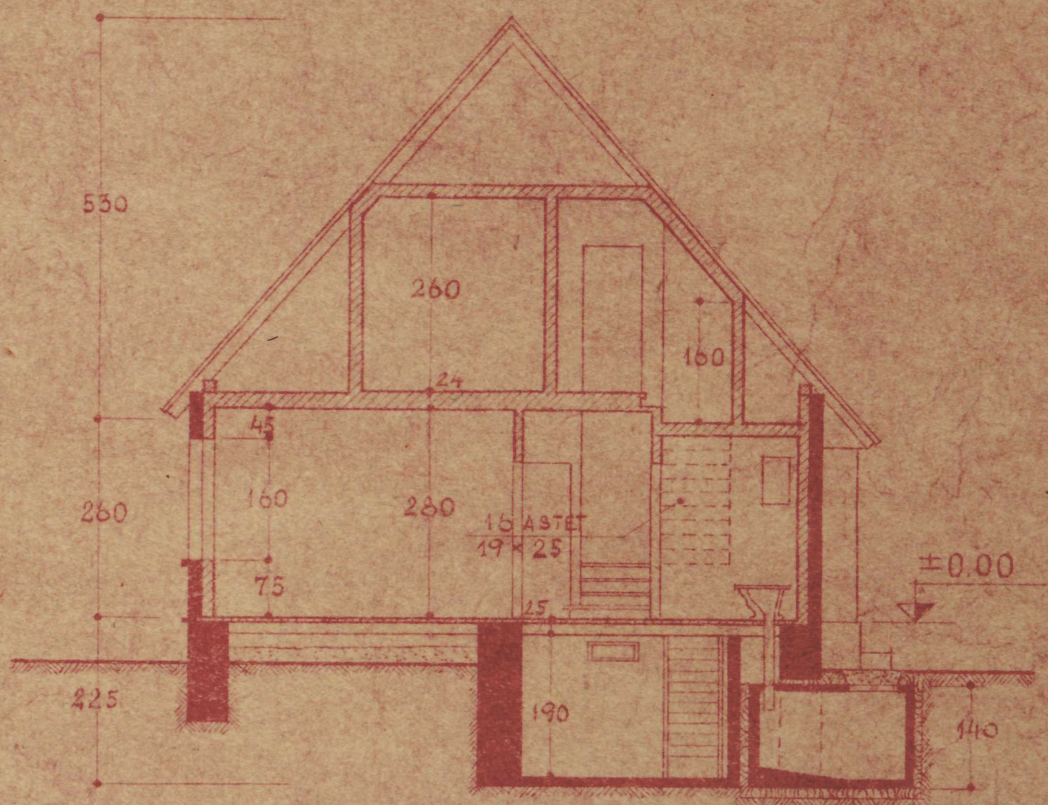
VAADE B



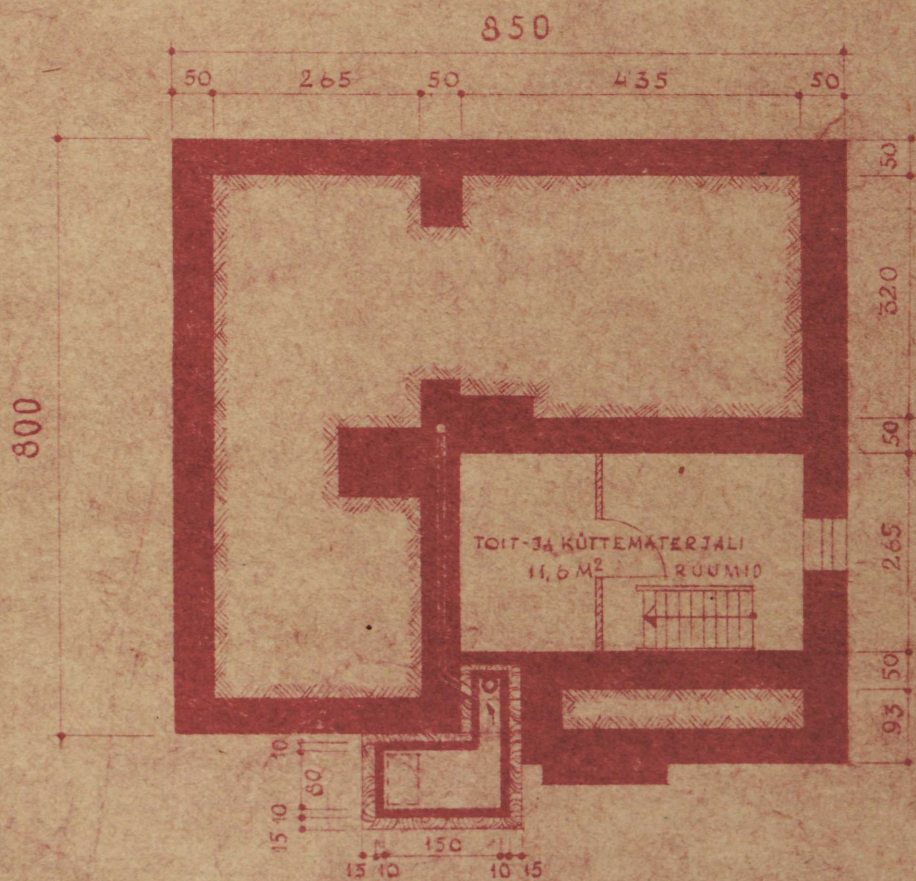
VA ADE D



VA ADE E



LÕIGE 1-1



ALUSMÜÜRID

MÄLJATTAVALISE INDEIVIDUAALISE EBITUSKONJEKT

(KIVIST)

Tehno-ökonomilised näited:

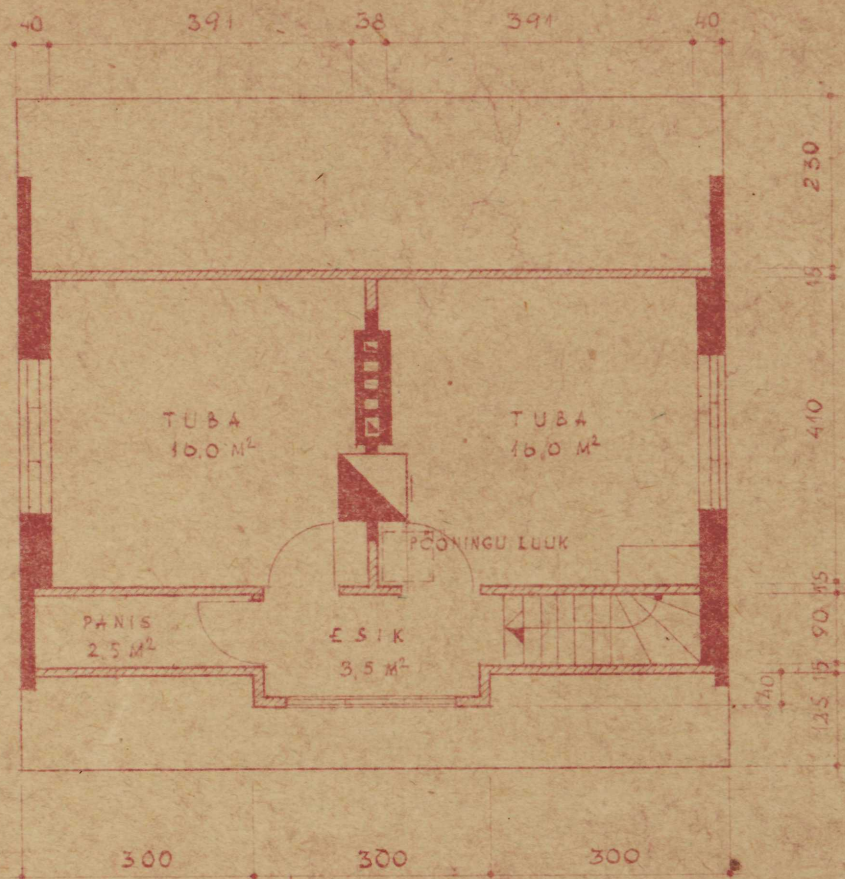
1. Ehitusala pind	99,5 m ²
2. Vaheseine kubatuur	455,3 m ³
3. Keldriosa kubatuur	582,5 m ³
4. Alamis pind	67,6 m ²
5. Kesulit pind	80,3 m ²

$$K_1 = \frac{\text{Alamis pind}}{\text{kesulit pind}} = \frac{67,6}{80,3} = 0,84$$

$$K_2 = \frac{\text{Vaheseine kubatuur}}{\text{Alamis pind}} = \frac{455,3}{67,6} = 6,74$$

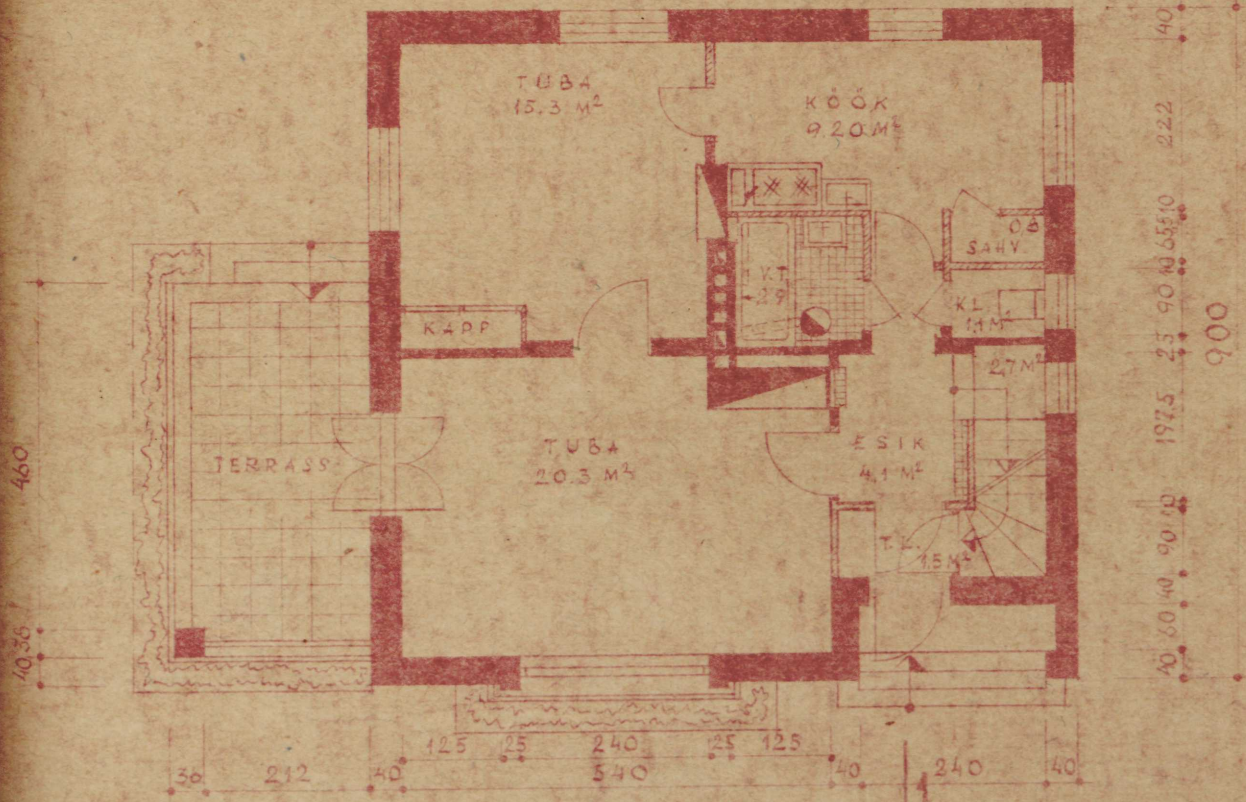
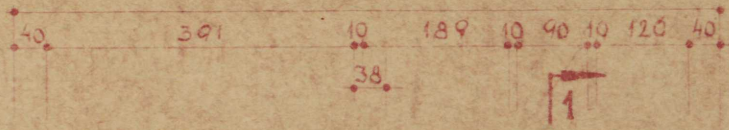
Põhikonstruktsioonide isoleerimatus.

Alamührid - looduslikust kivist; väliseinad - nn. Harju sein; sisemine kandsein - siikstõllistest 1 kivi paki; vaheseinad - puidust; vahelised - kelderi-ruumides betoonist randteladel, elukorrusel puitteladel termoliitistega; pürendad - kelderi-ruumides betoonist pealised, eluruumides punnitud lauadest, vannitosa ja tuulekojas metallist plaadid; treerid - välis- ja keldrisse, elukorrusel puitest; katuse - kivist, väljehitusele teingitud plekk.



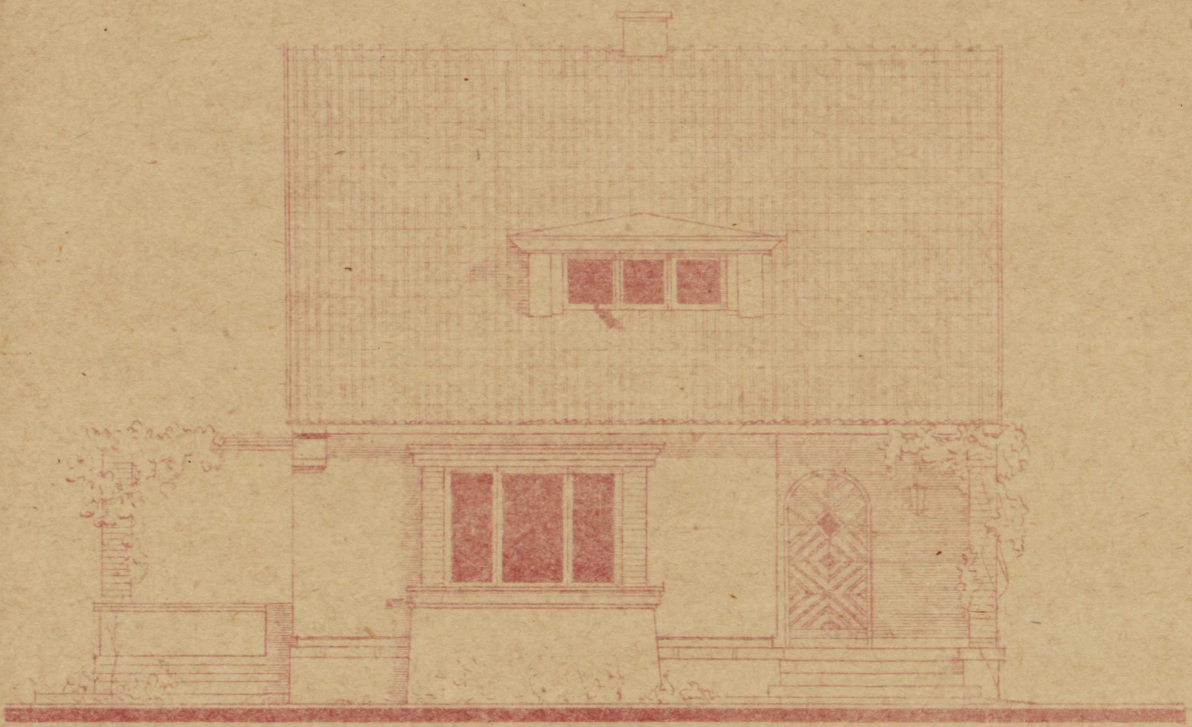
KATUSE KORRUS

D
900



PÕHIKORRUS

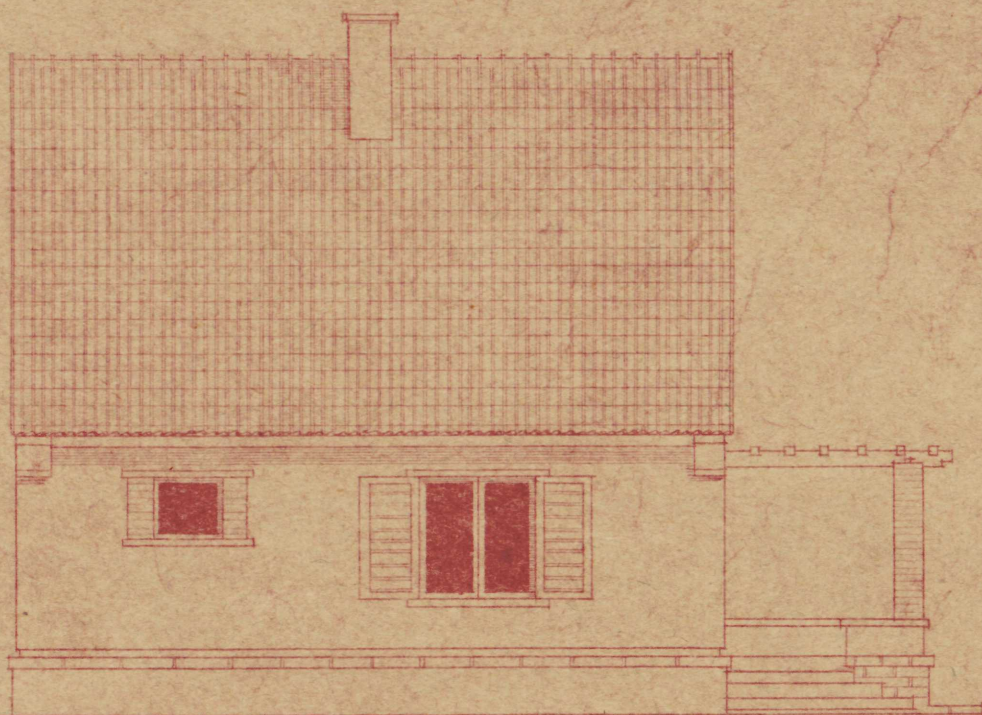
A



VAADE A



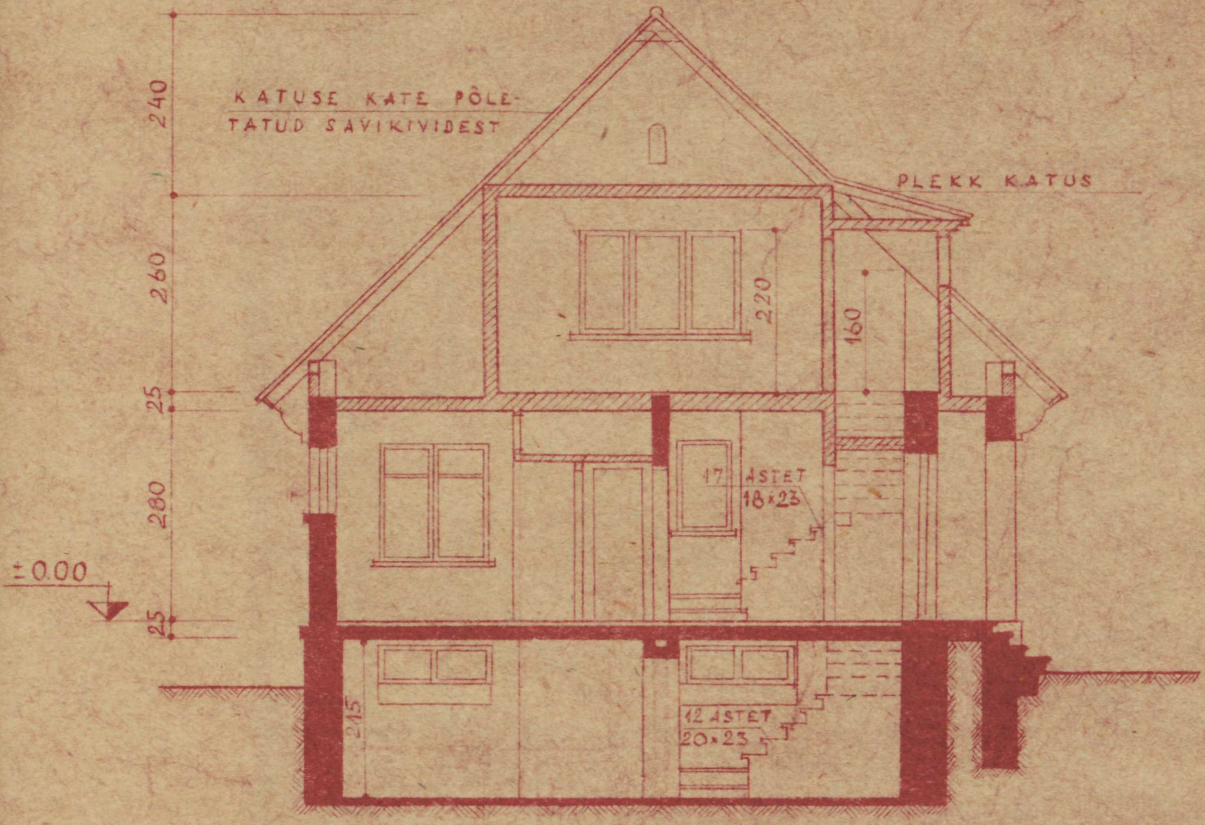
VAADE B



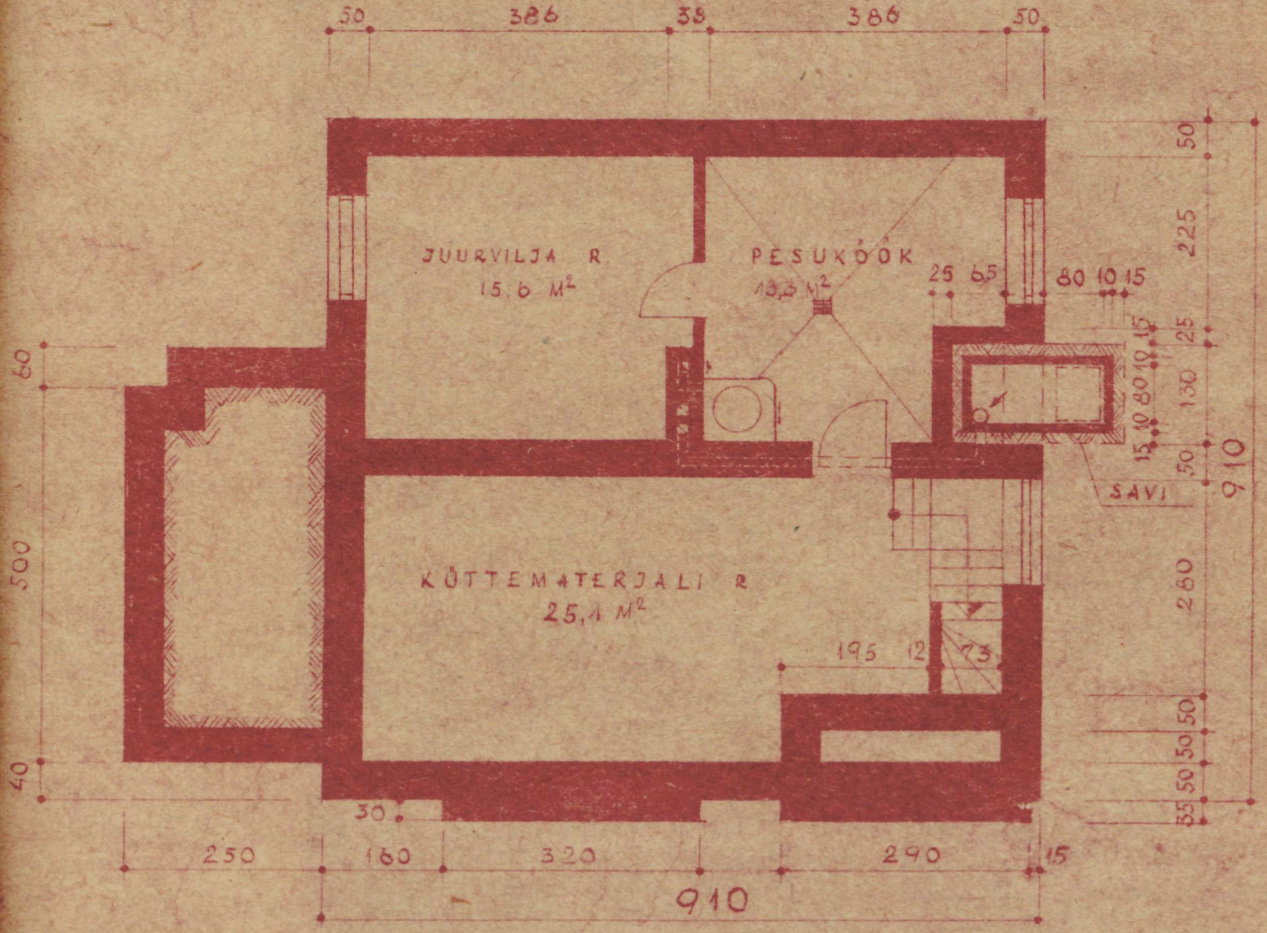
VAADE D



VAADE E



LÕIGE 1-1



KELDRIKORRUS

Table of contents of the report

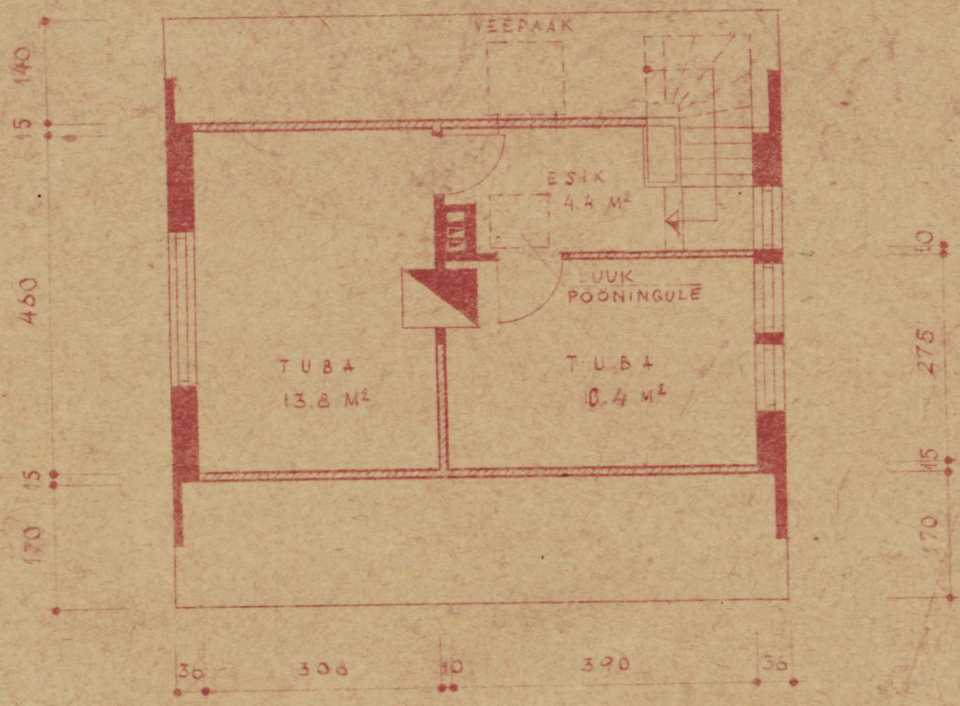
1. Introduction and	1-56, 1 p2
2. Materials and methods	57-70 p3
3. Results and discussion	71-100 p4
4. Conclusions	101-102 p2
5. Appendix	103-104 p2

$$K_1 = \frac{\text{elastin}}{\text{total protein}} = \frac{21.3}{30.7} = 0.7$$

$$K_2 = \frac{\text{amorphous elastin}}{\text{total elastin}} = \frac{13.1}{15.9} = 0.82$$

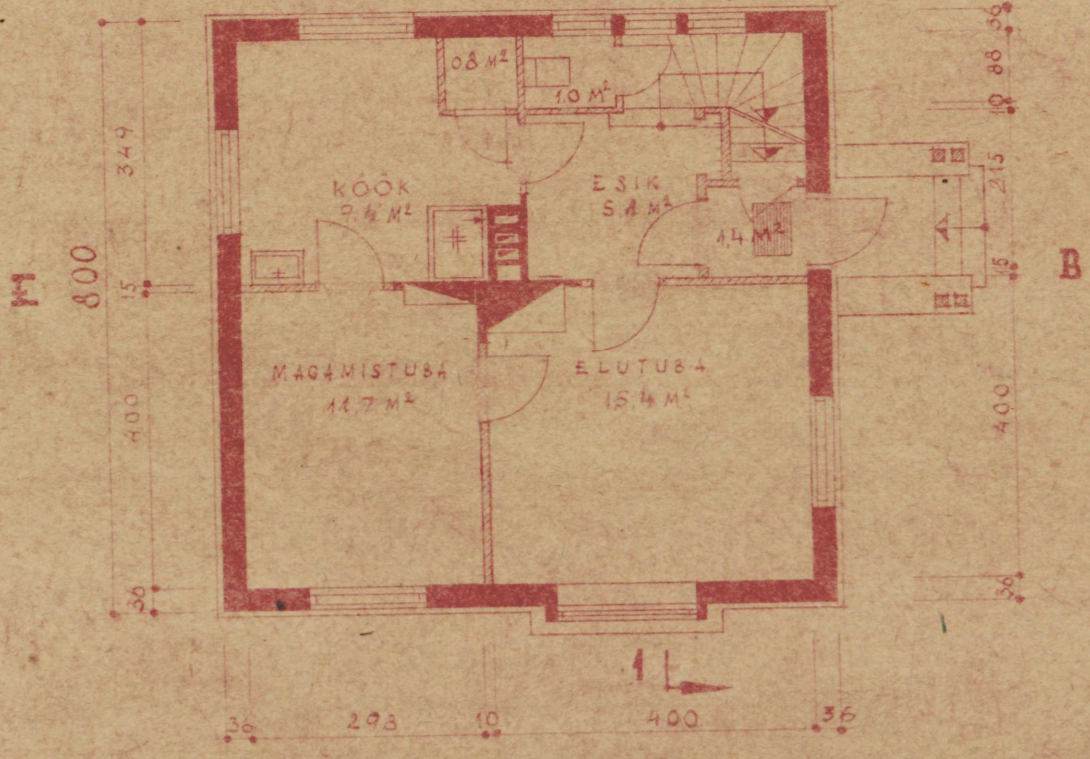
References

Albright, J. - 1954 - J. Biol. Chem. 103: 1-10.
 Barik, S. - 1955 - J. Biol. Chem. 103: 1-10.
 Berman, H. - 1956 - J. Biol. Chem. 103: 1-10.
 ...
 ...
 ...



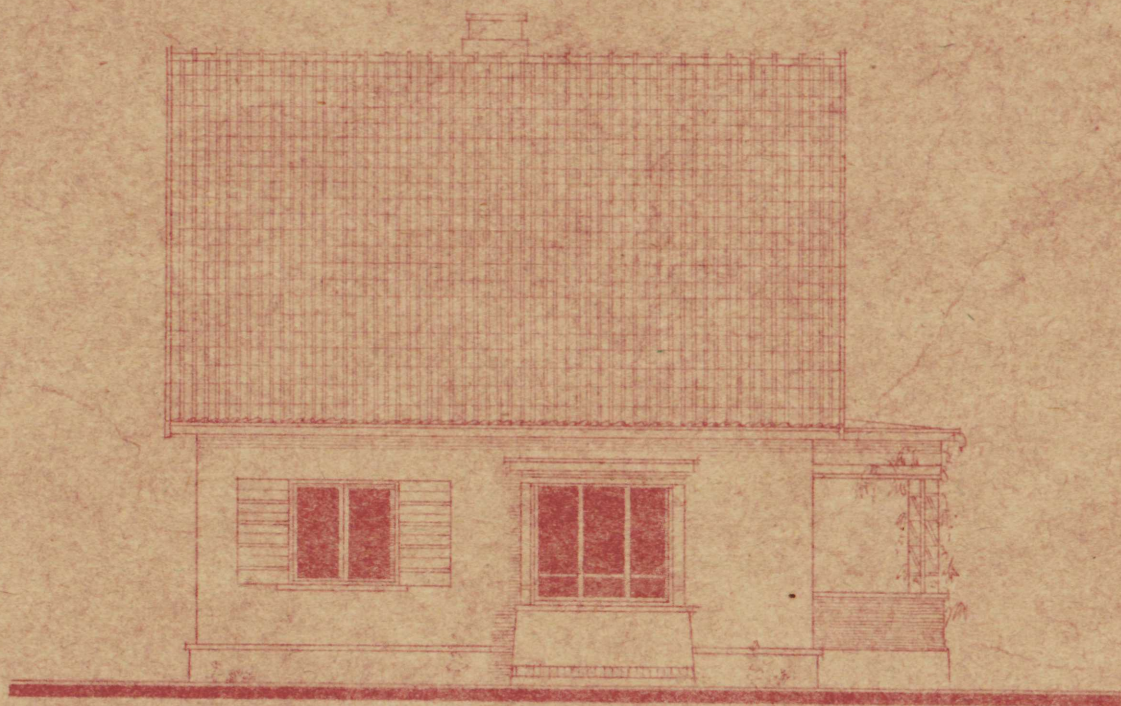
KATUSEKORRUS

D
780



A

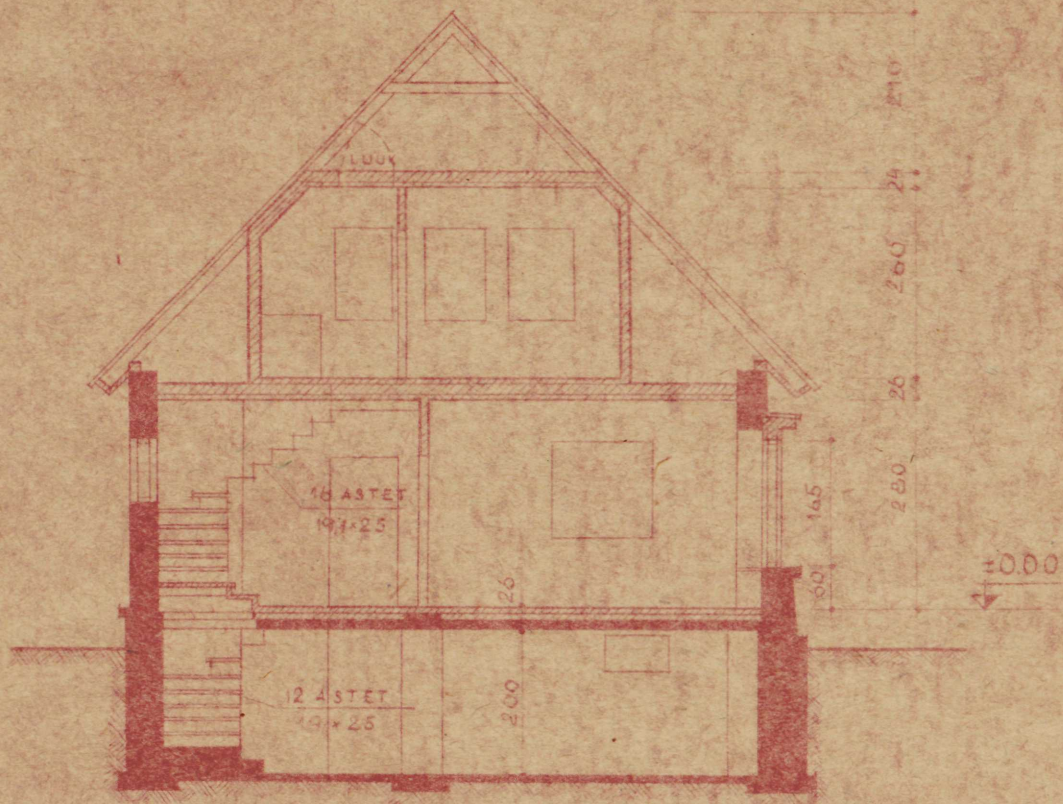
PÕHIKORRUS



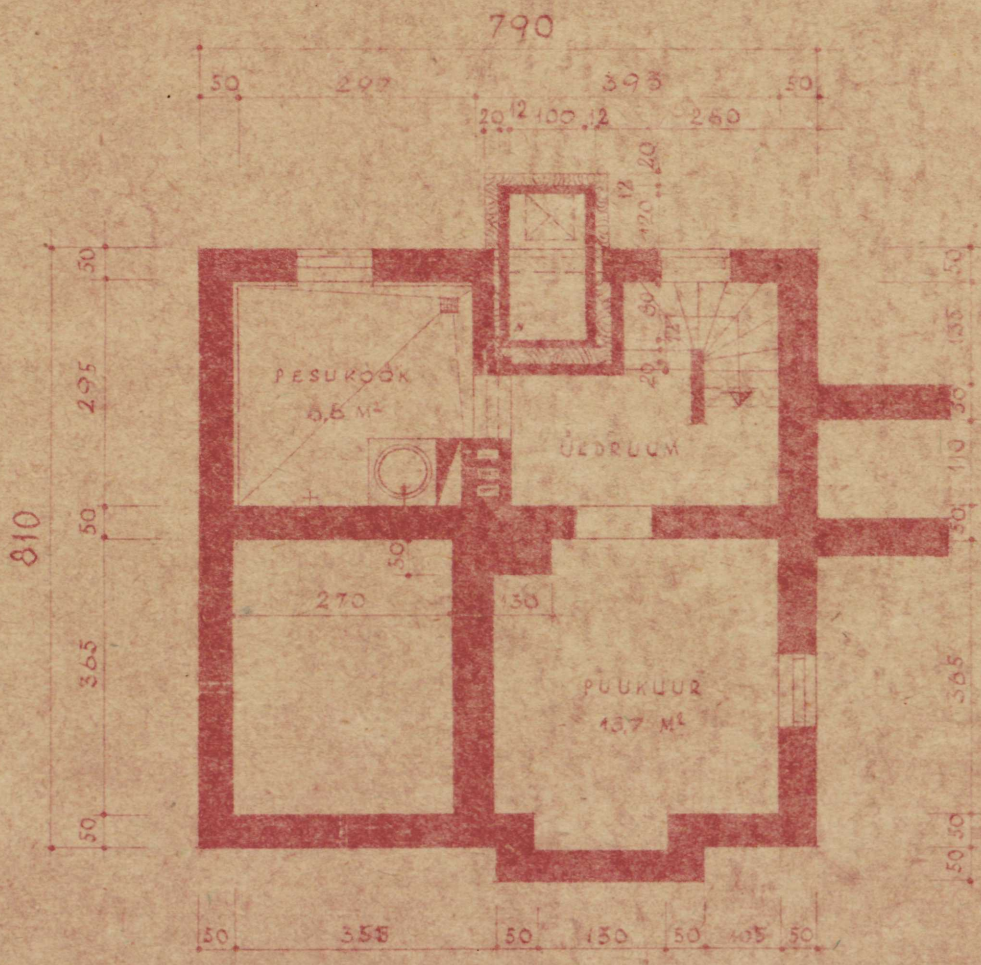
VAADE A



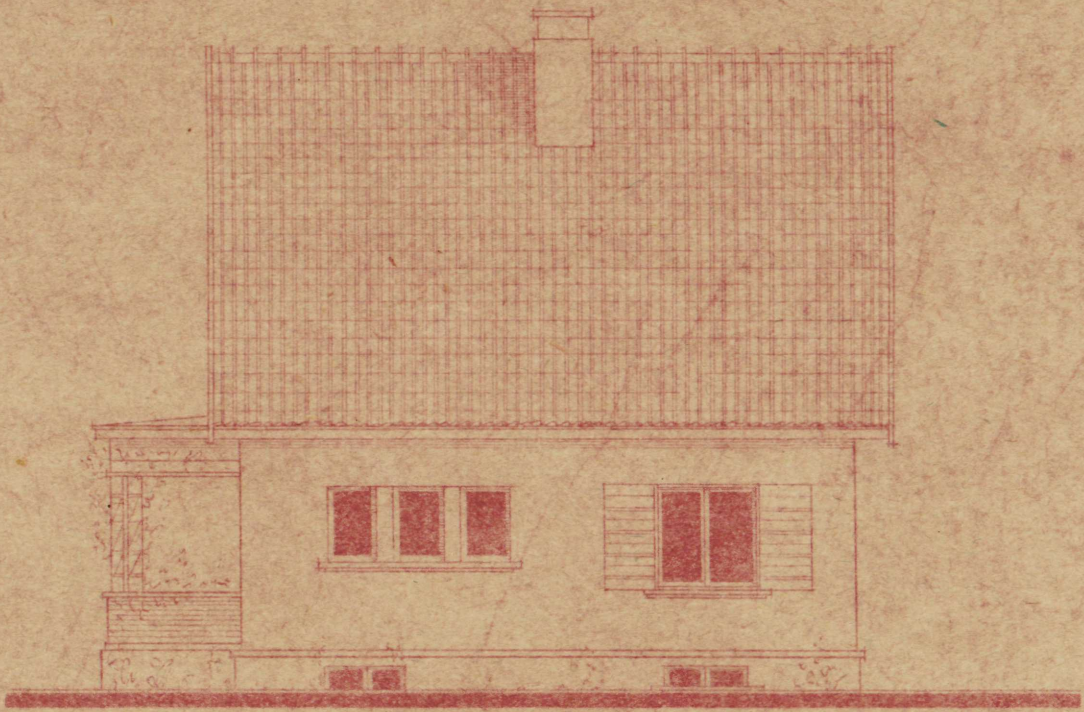
VAADE B



LÕIGE 1-1



KELDRIKORRUS



VAUDE D



VAUDE E

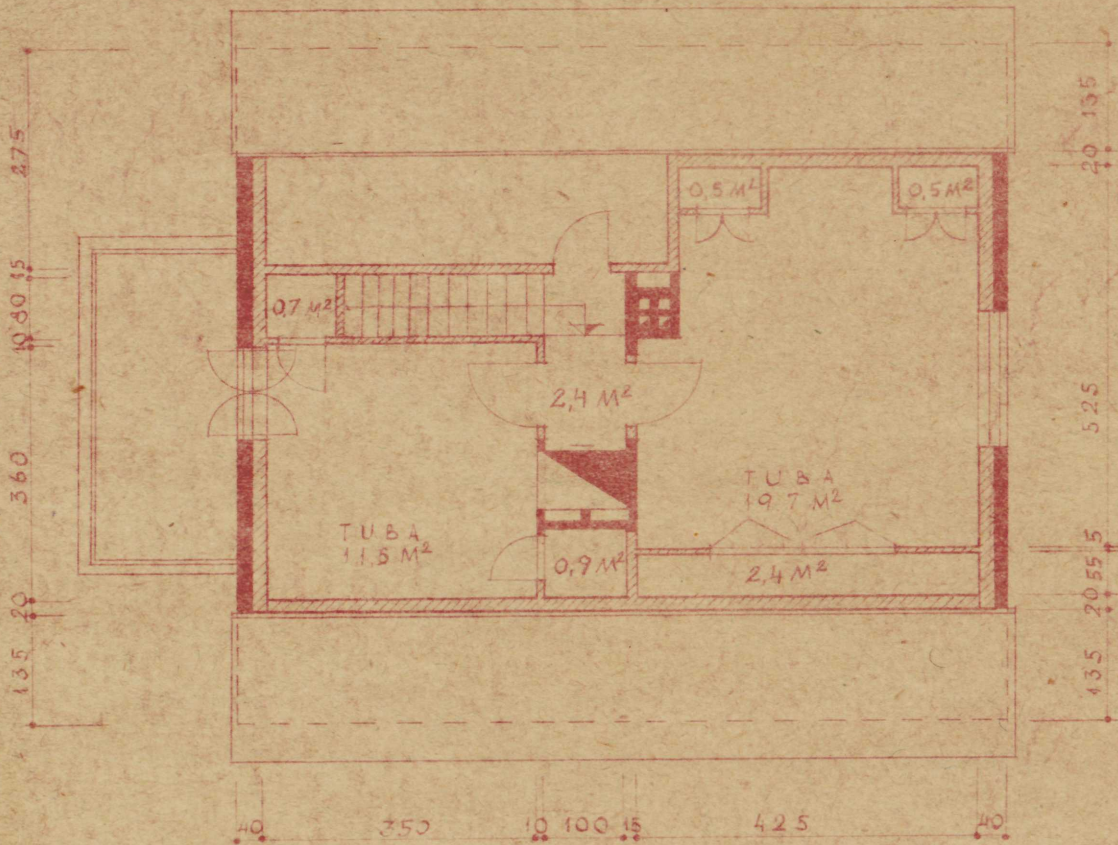
MIXED USE INDIVIDUALS AND THINGS (PROJECT).

Technical specifications:

1. Fuel tank	95.4 m ³
2. Heating oil tank	458.6 m ³
3. Water tank	550.0 m ³
4. ...	76.0 m ²
5. ...	104.9 m ²
6. ...	76.0
7. ...	104.9
8. ...	76.0
9. ...	76.0

Construction details:

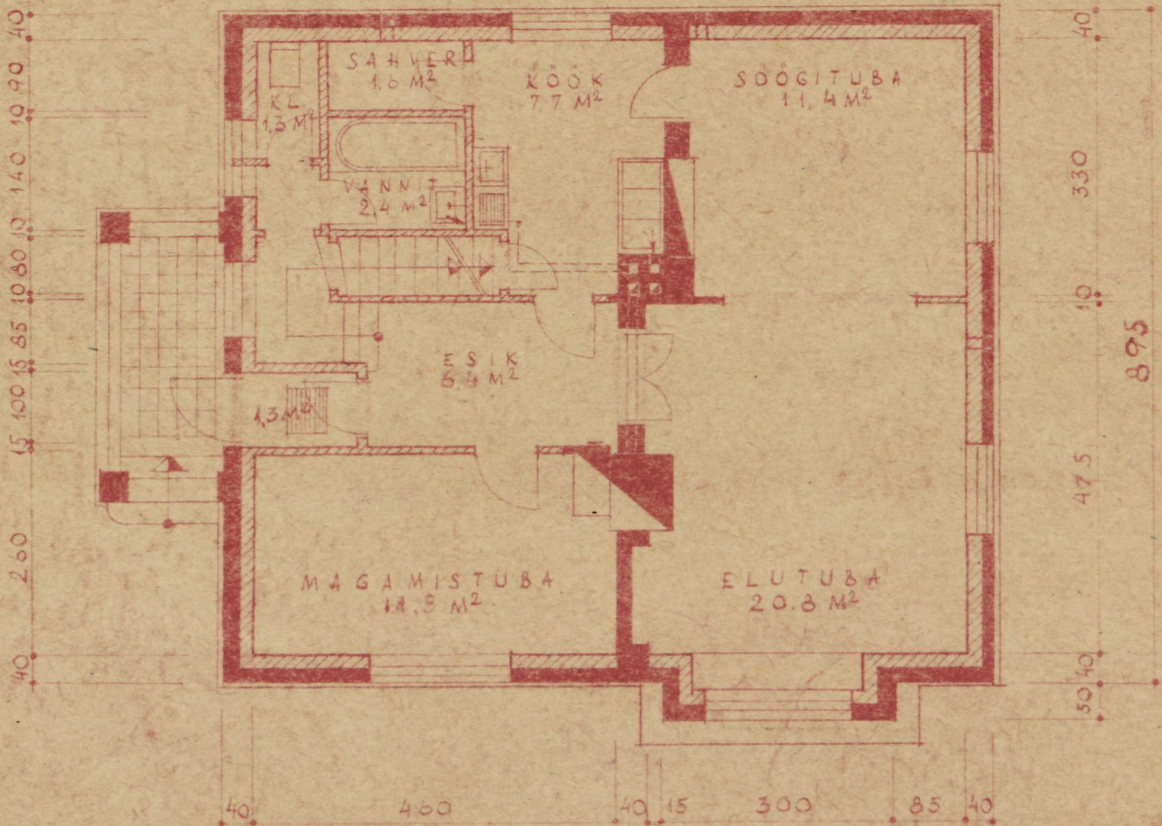
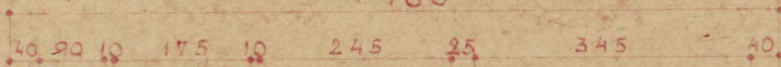
The building is a mixed-use structure. It consists of a main structure and a separate structure. The main structure is a rectangular building with a flat roof. The separate structure is a smaller building with a gabled roof. The building is constructed of concrete and brick. The foundation is made of concrete. The walls are made of brick. The roof is made of concrete. The building is situated on a plot of land. The plot is rectangular and has a total area of 1000 m². The building occupies an area of 500 m². The remaining area is used for parking and landscaping. The building is designed to be functional and durable. It is suitable for use as a residential or commercial building. The construction details are as follows:



KATUSE KORRUS

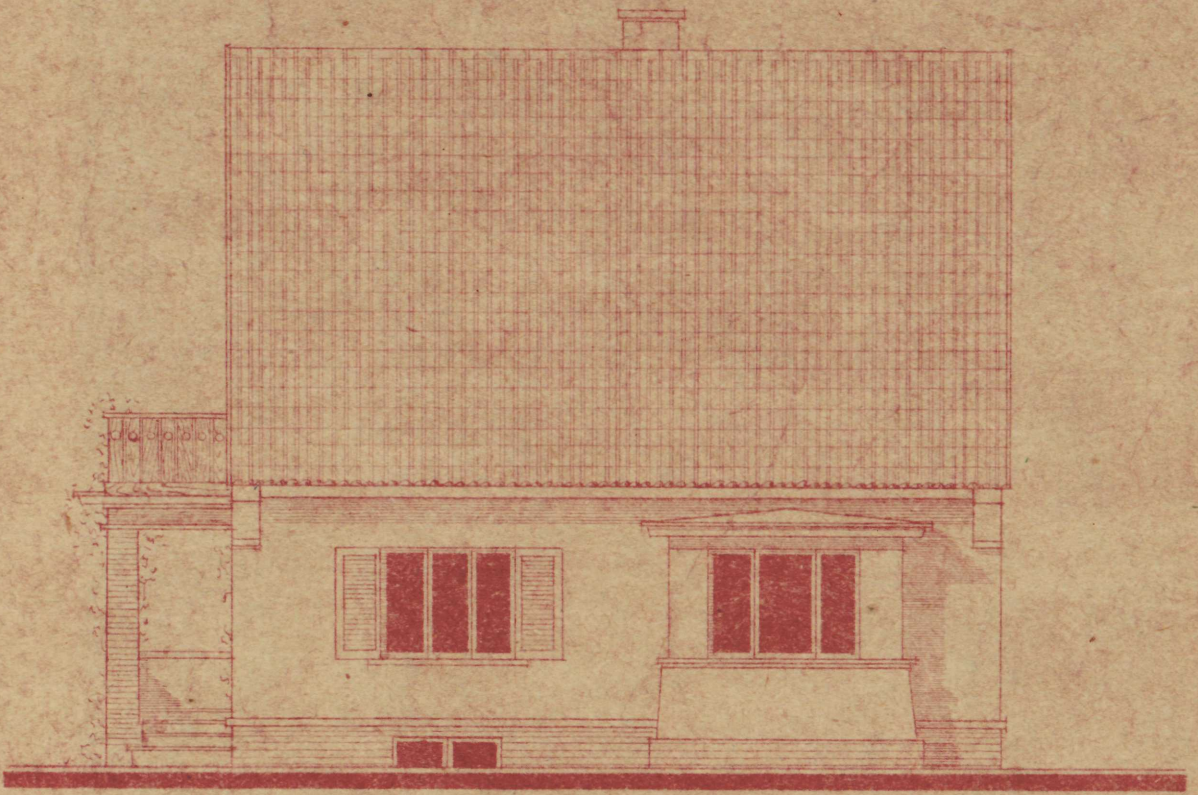
D

980

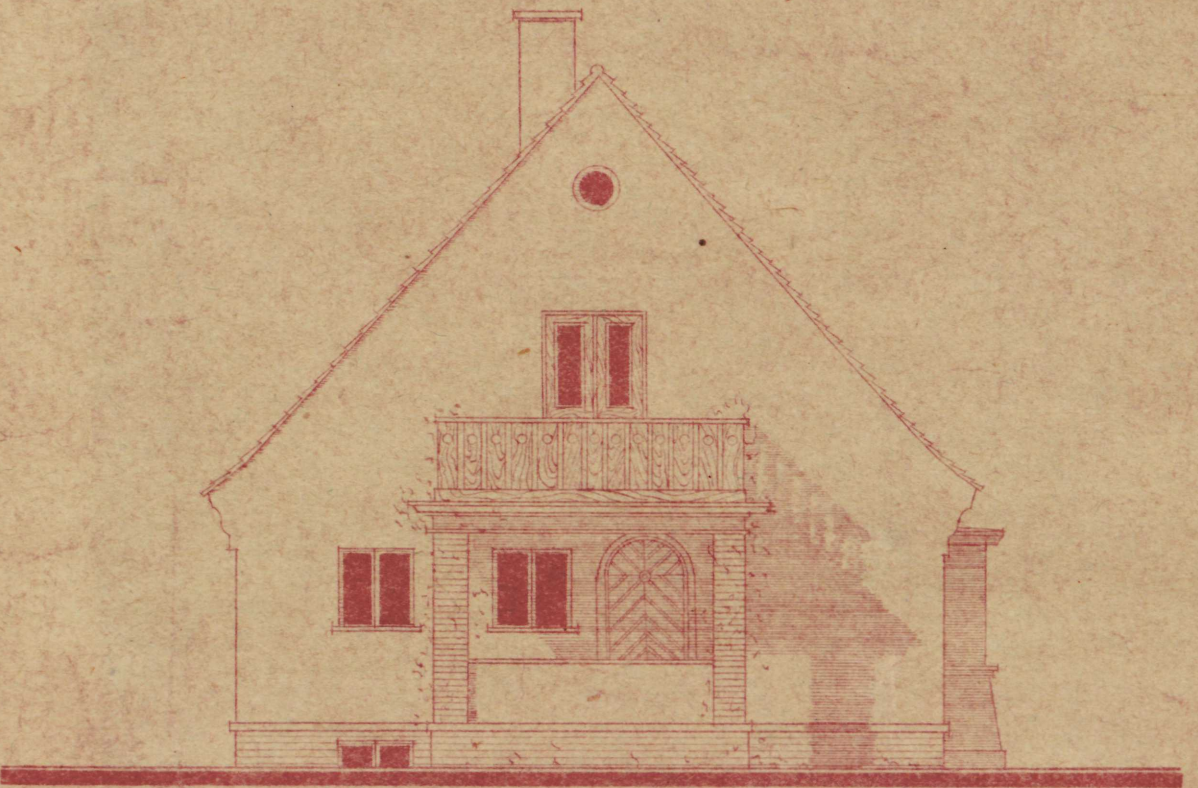


PÕHIKORRUS

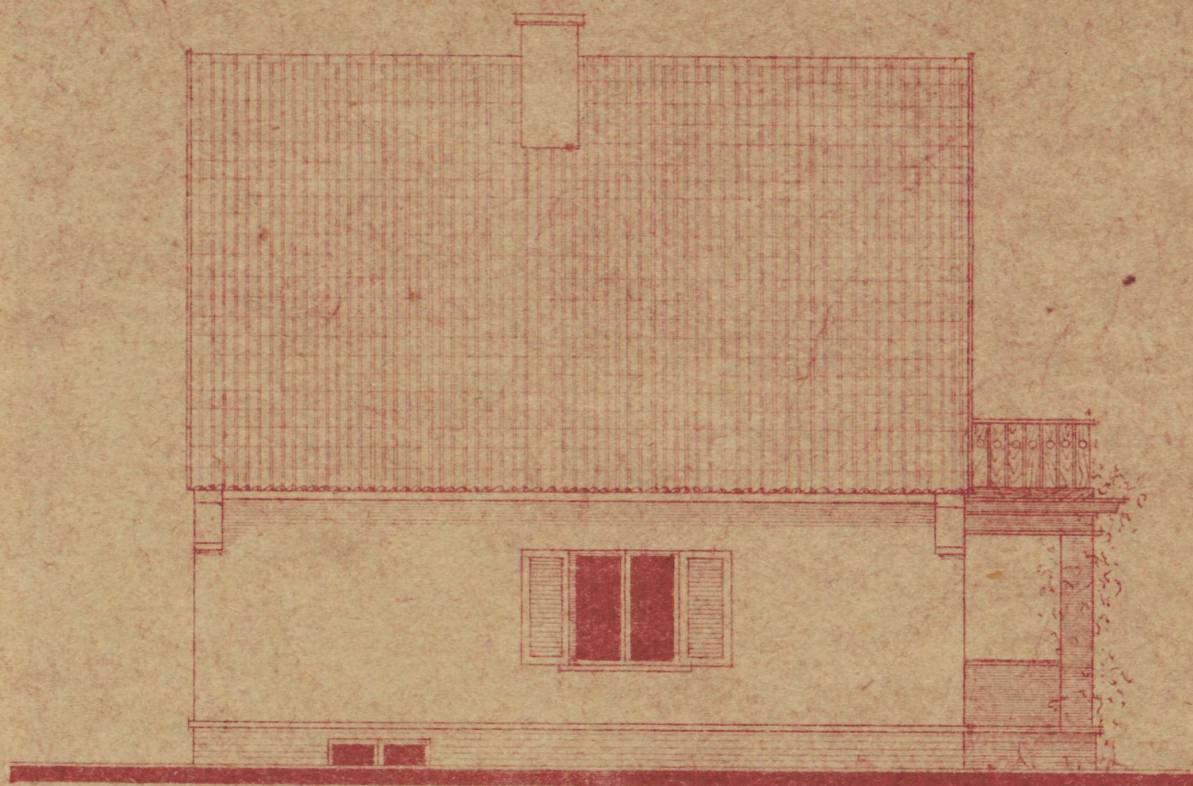
A



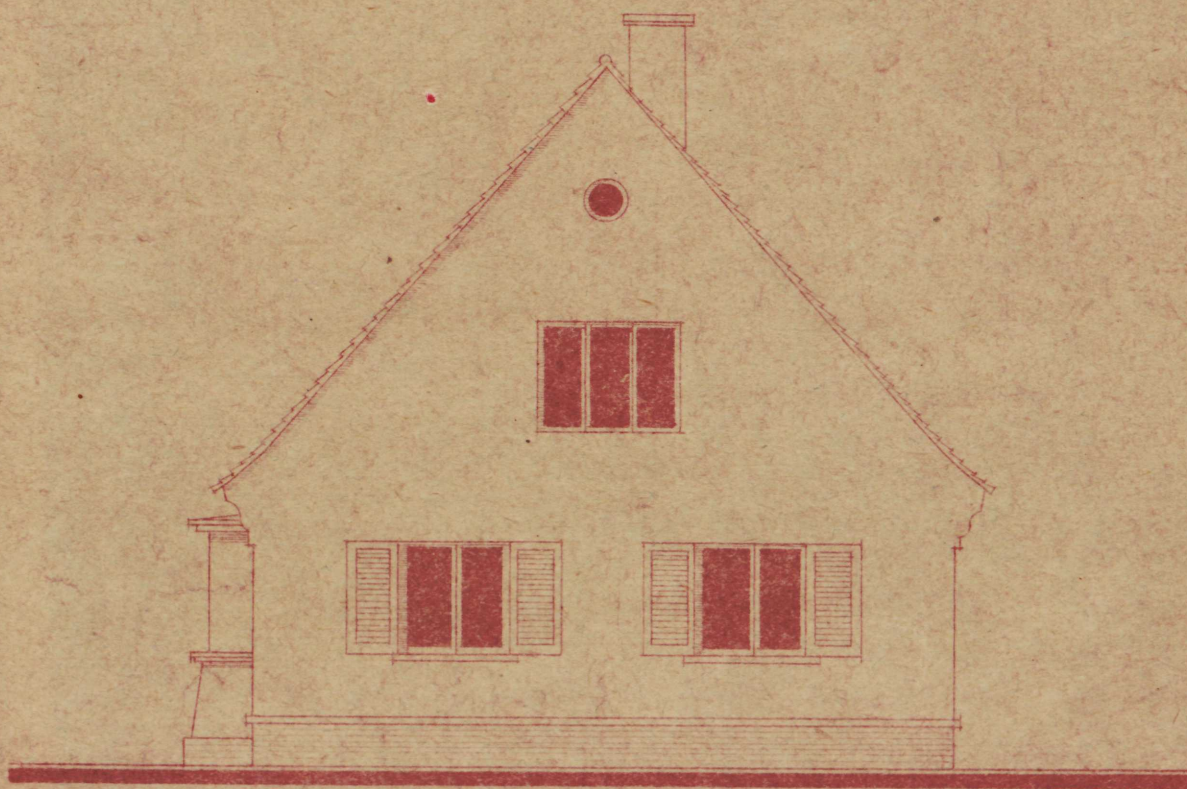
VAADE A



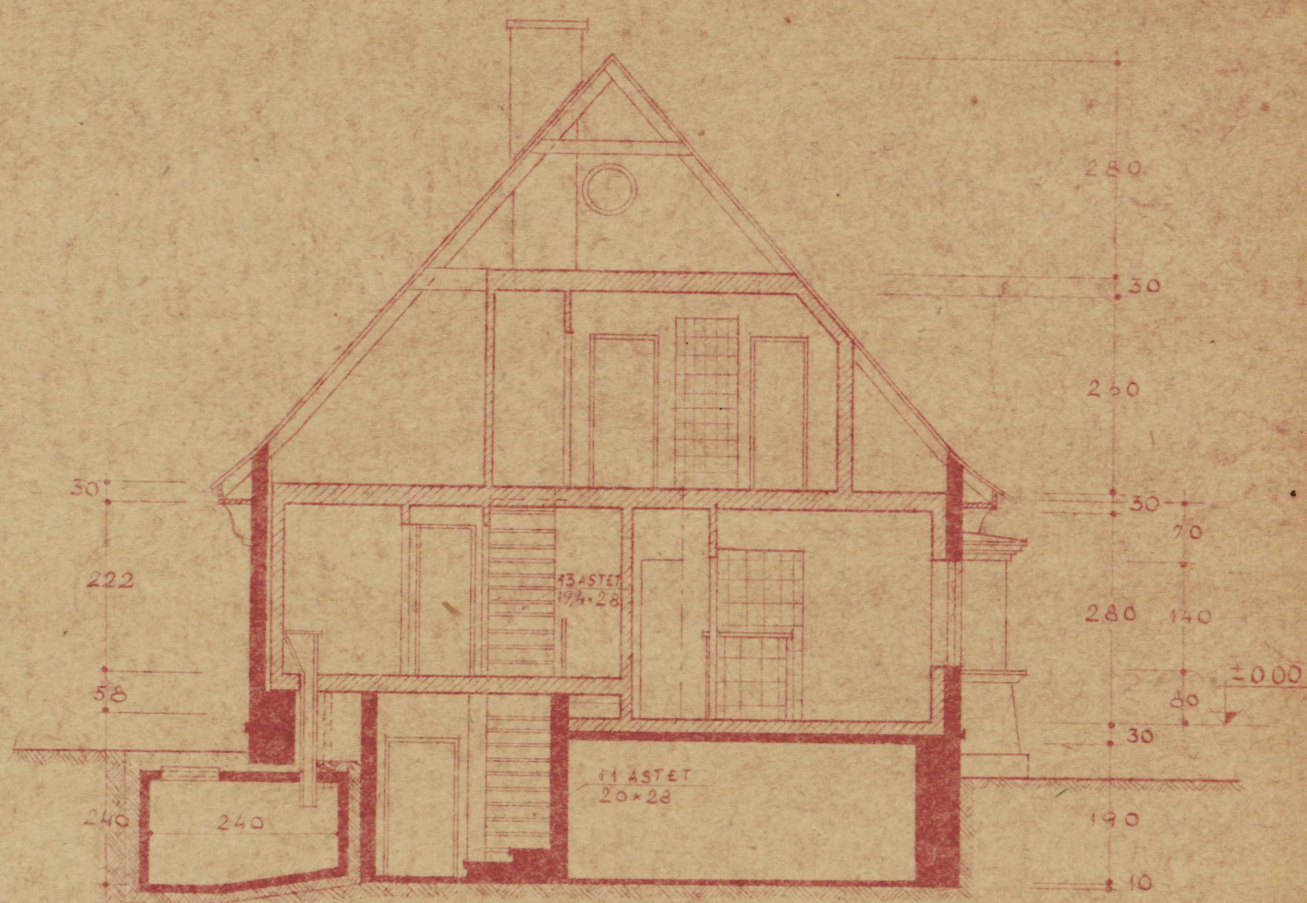
VAADE B



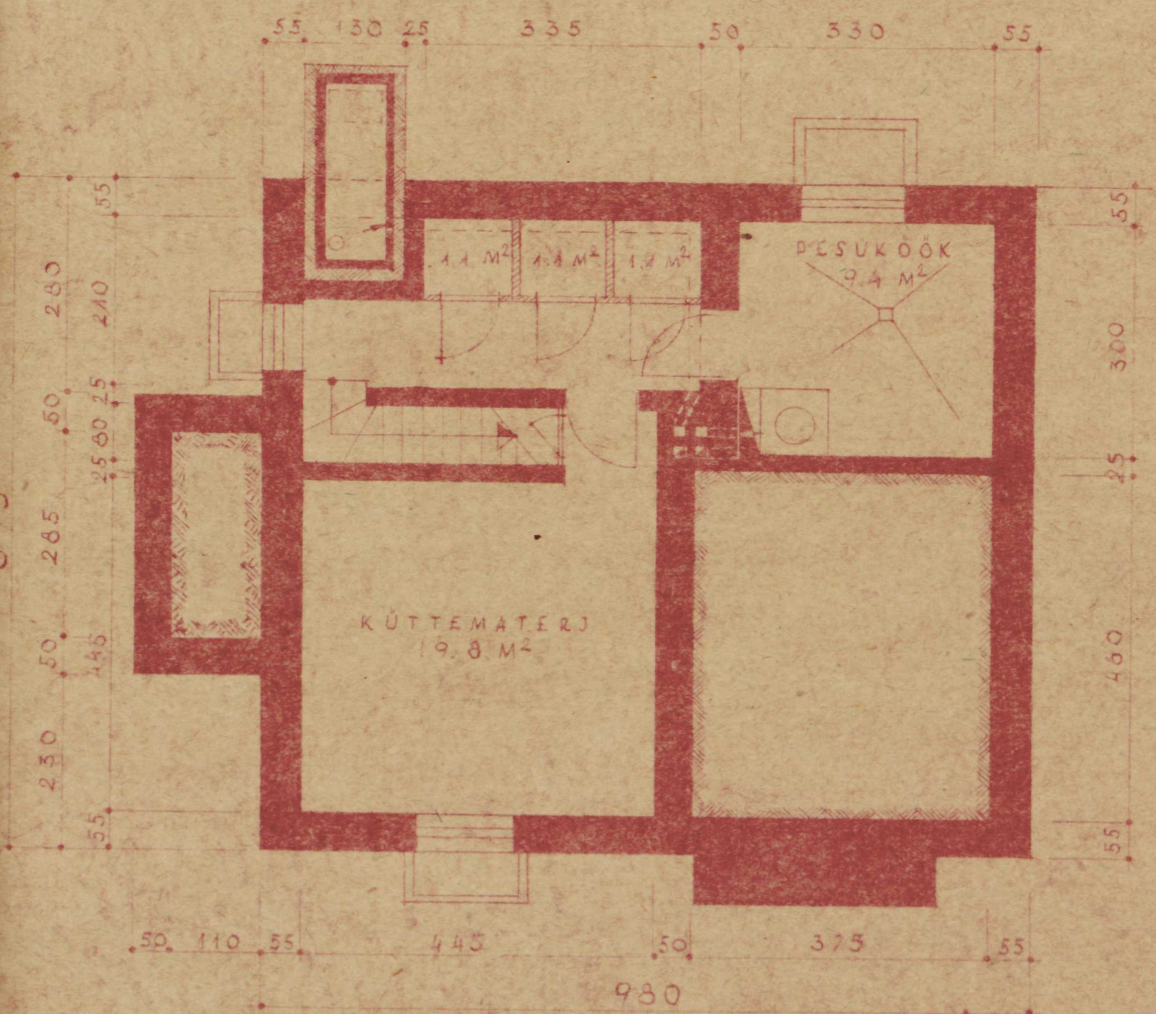
VAADE D



VAADE E



LÕIGE 1-1



KELDRIKORRUS

VIIETAGISET INDIVIDUAALSED MUUTUSED (MIVIS)

Töö-ühikoonnildised niitajad:

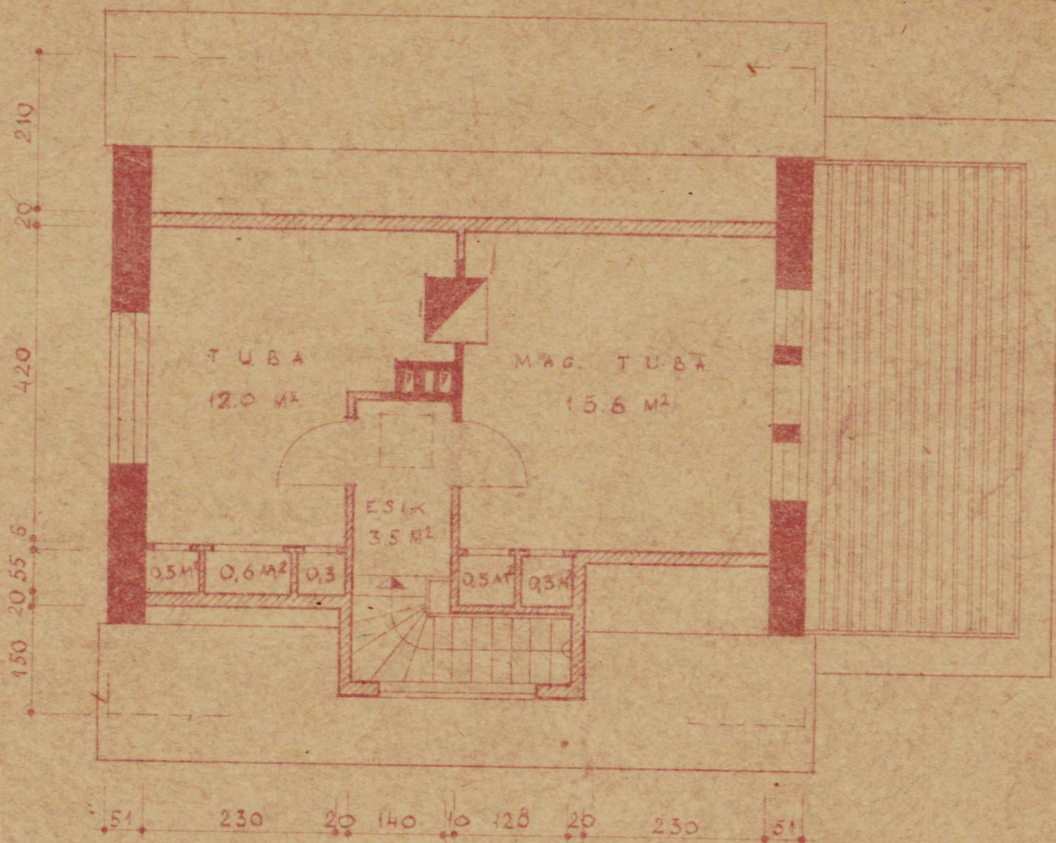
1. Kõitumalune pind	97,1 m ²
2. Maapealse kubituur	451,0 m ²
3. Maapealse kubituur verandaga	491,2 m ²
4. Alamise kubituur (verandaga)	518,6 m ²
5. Alamis pind	56,1 m ²
6. Kõiklik pind (verandaga)	81,4 m ²

$$K_1 = \frac{\text{alamis pind}}{\text{Kõiklik pind}} = \frac{56,1}{81,4} = 0,69$$

$$K_2 = \frac{\text{maapealne kubituur}}{\text{alamis pind}} = \frac{451,0}{56,1} = 8,04$$

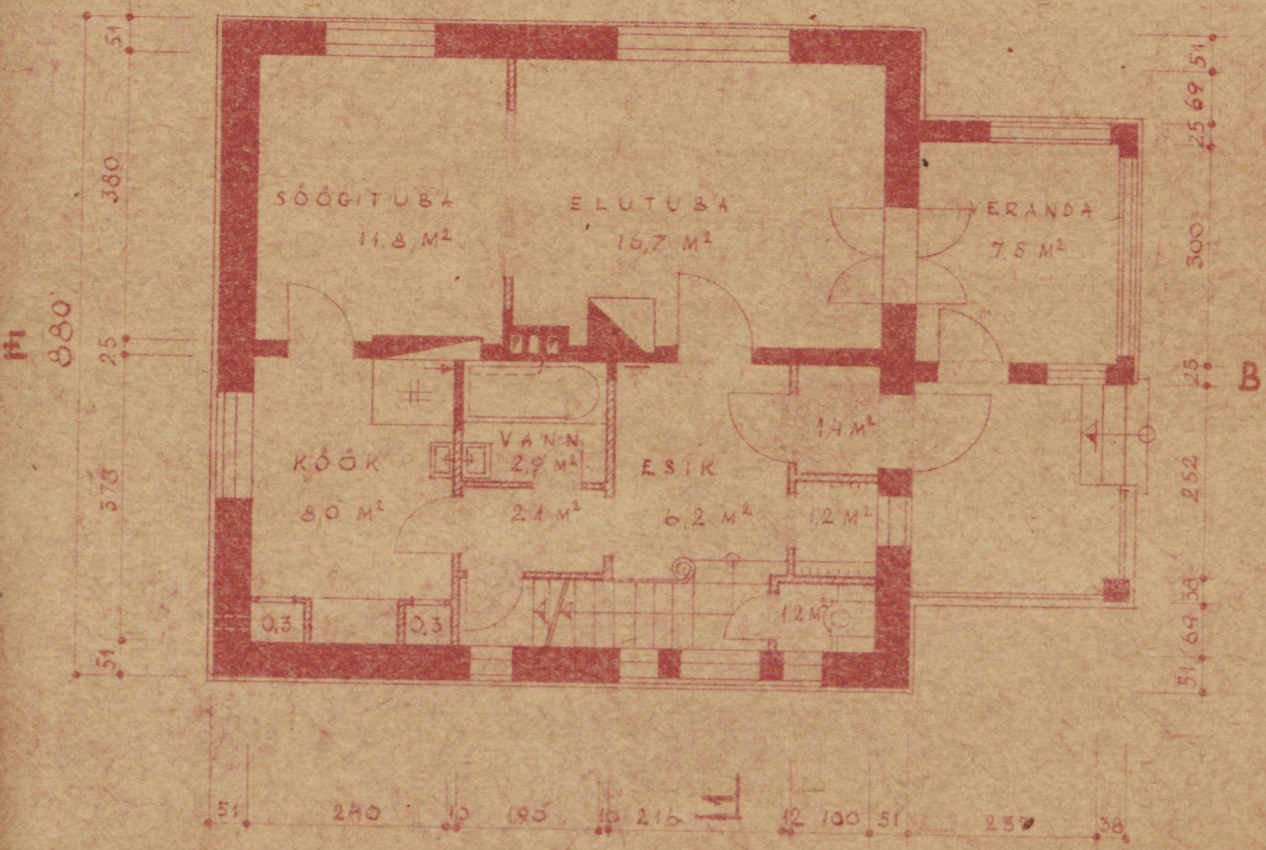
Põhikonstruktsioonide kirjeldused.

Alamruumid - pakkimist, keiseriruumides talisvoodriks; välisseinad - silikesttelistest "Kobov" sisetekis, verandade seas "Kobov" sein; sisemine sein - silikesttelistest 25 cm. paksusega; vaheseinad - kaloris silikesttelistest, eluruumides puidust; vaheseinad - keiseriruumidel betoonist raudtalust, elukorruudel puittalust teraapilistitega; rõngad - keiseriruumides ja verandade betoonist; eluruumides puidust laudadest; treppid - rõngas ja keiseritrapp naastmetega, elukorruudel puidust; katud - kivi või eterniit.



KATUSEKORRUS.

D
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PÕHIKORRUS

A



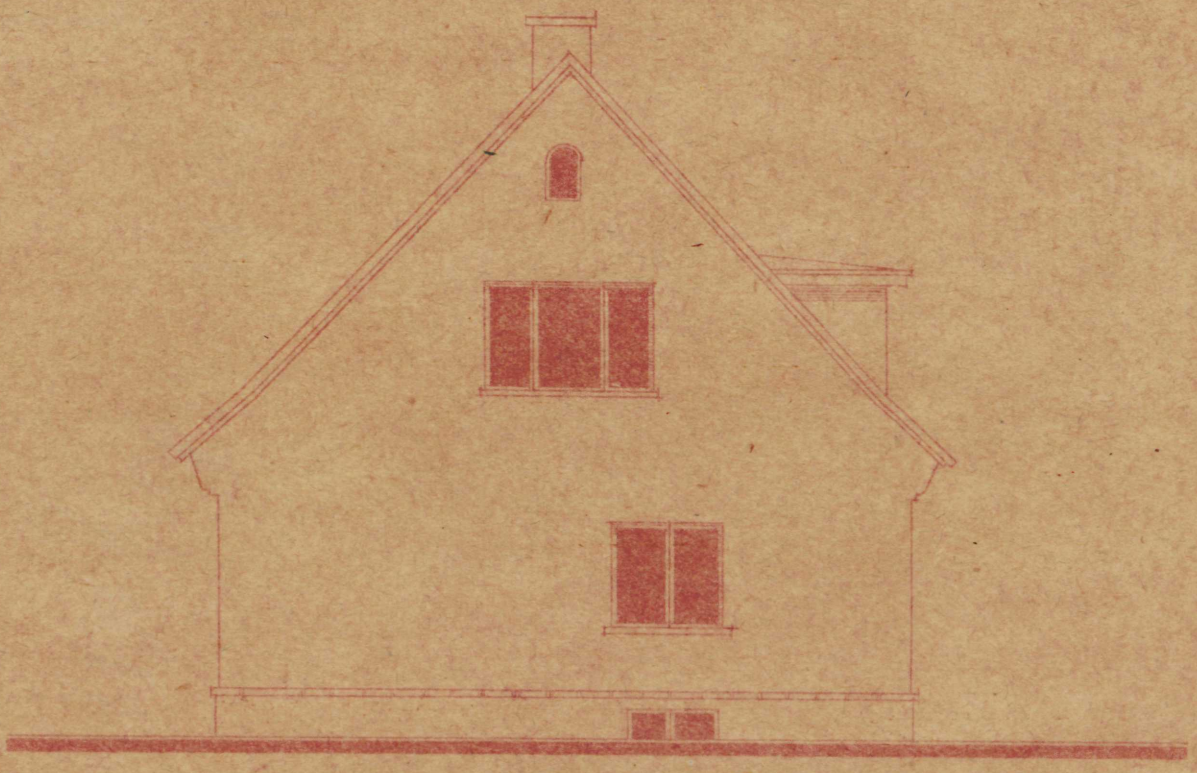
VAADE A



VAADE B



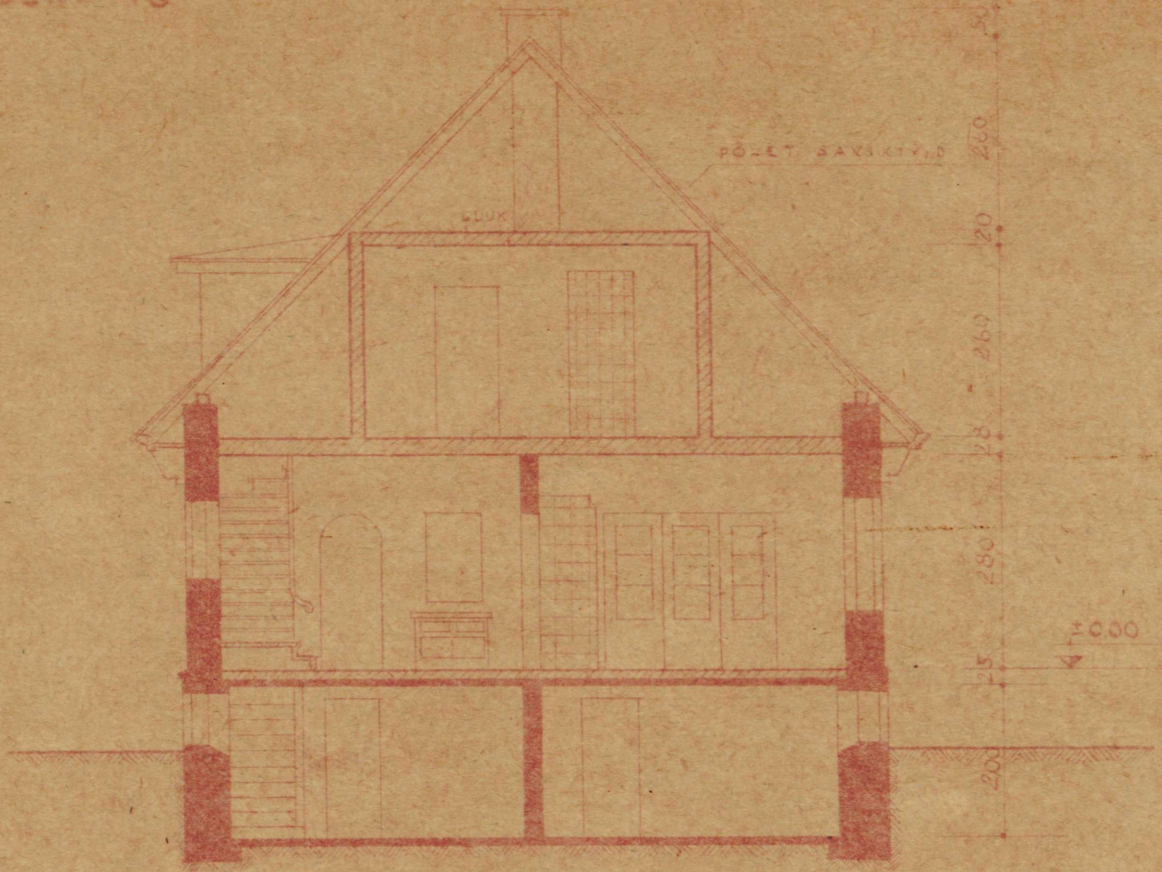
VAADE D



VAADE E

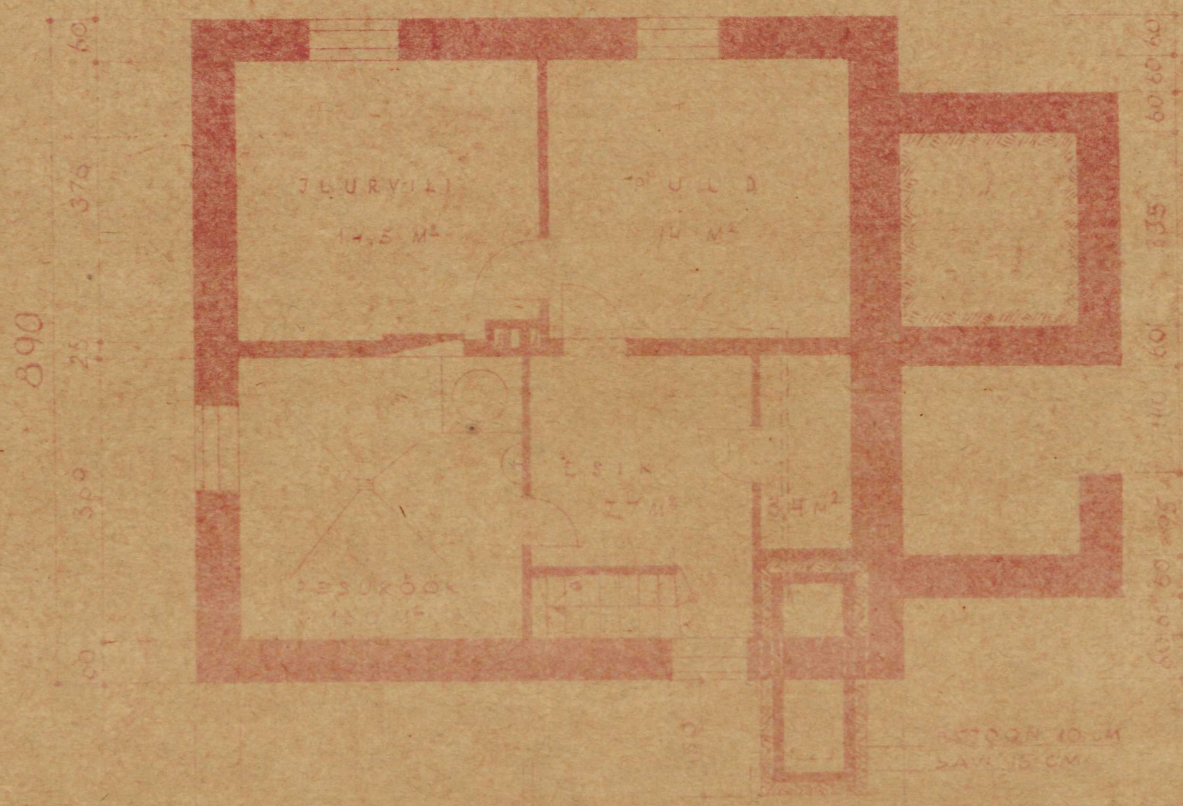
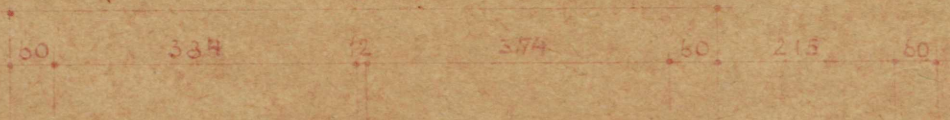
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LÕIGE 1-1

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KELDRIKORRUS

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