

B

NISKA STAMBENA IZGRADNJA

(prelazni tipovi prema višestambenim zgradama)

A. SLOBODNOSTOJEĆA JEDNOOBITELJSKA KUĆA (house, hous, casa, maison)

/nizanje istih slobodnostojećih obiteljskih kuća

B. DVOJNE KUĆE (dvije jednoobiteljske spojene kuće) poluugrađena kuće (dvojac, dvodomke) semi-detached house, Doppelhaus

C. NIZOVI -spojene jednoobiteljske kuće, row-houses, reihenhaus, attached houses

D. TEPIH IZGRADNJA

carpet housing, Atriumhauser, urbani tepih

E. SPOJITA IZGRADNJA,

/zbita *povijesna* gradnja velike gustoće/

*spojene višeobiteljske kuće

F. SKUPINE KUĆA

clusters, Hausgruppen, Wohnhausgruppe

G. SLOBODNOSTOJEĆA VIŠEOBITELJSKA KUĆA sa(2)3-4(5,6) stanova, **URBANA VILA**

najamna vila, "triple decker", Mehrfamilienhaus

H. TERASASTA IZGRADNJA

kaskadna izgradnja, (vertikalni niz)

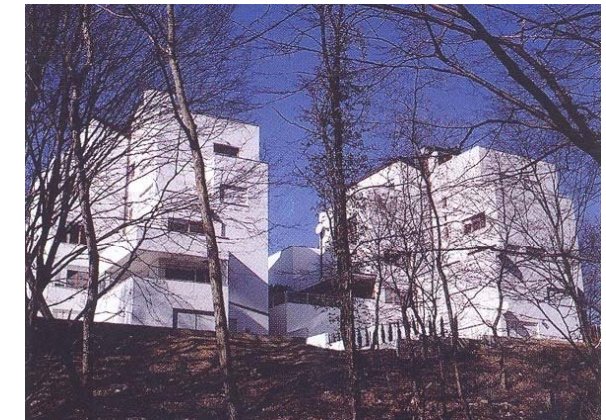
Terrassenhauser, cascades



H



C



G

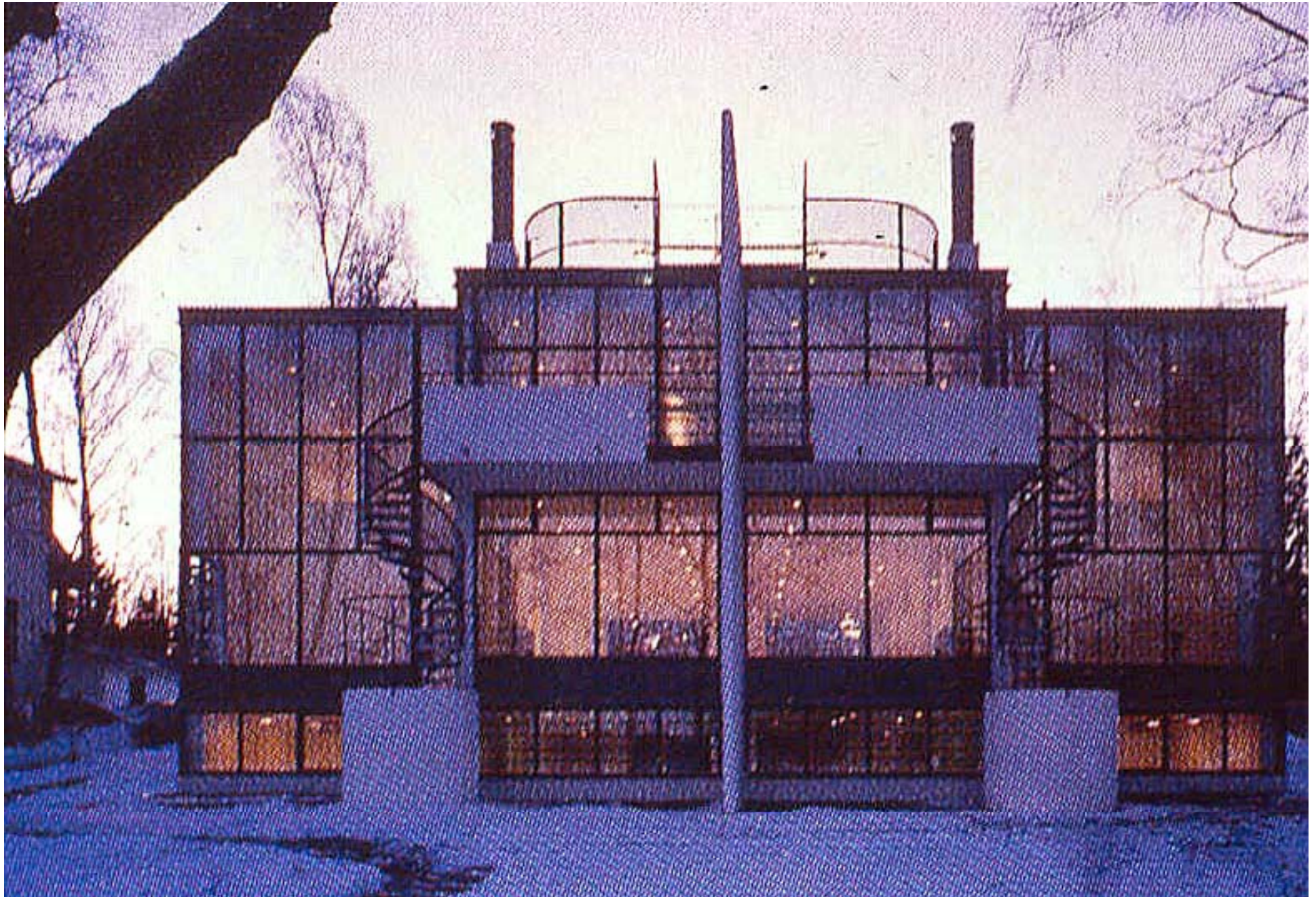


D

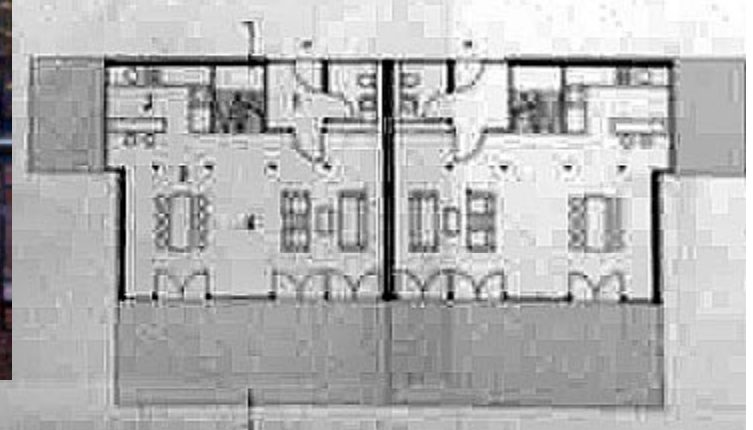
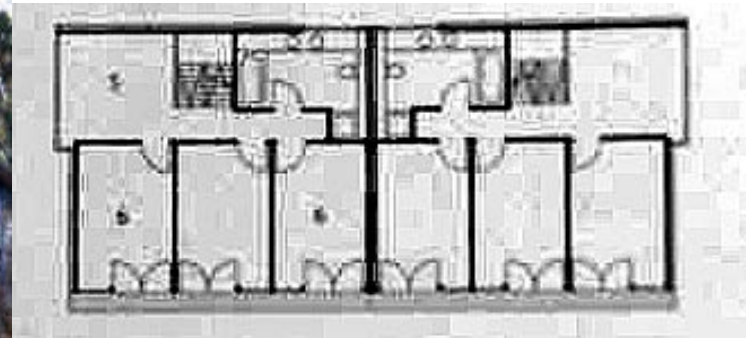
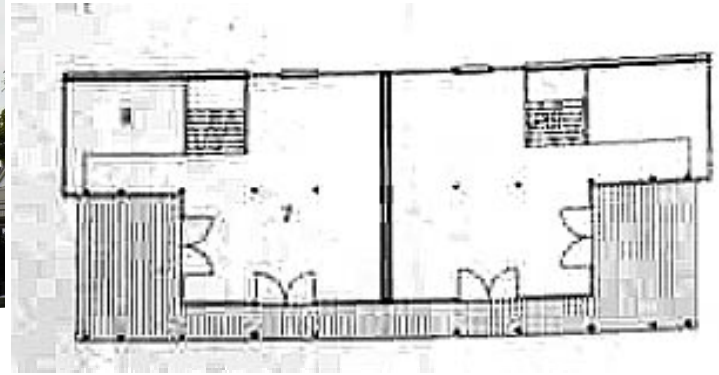


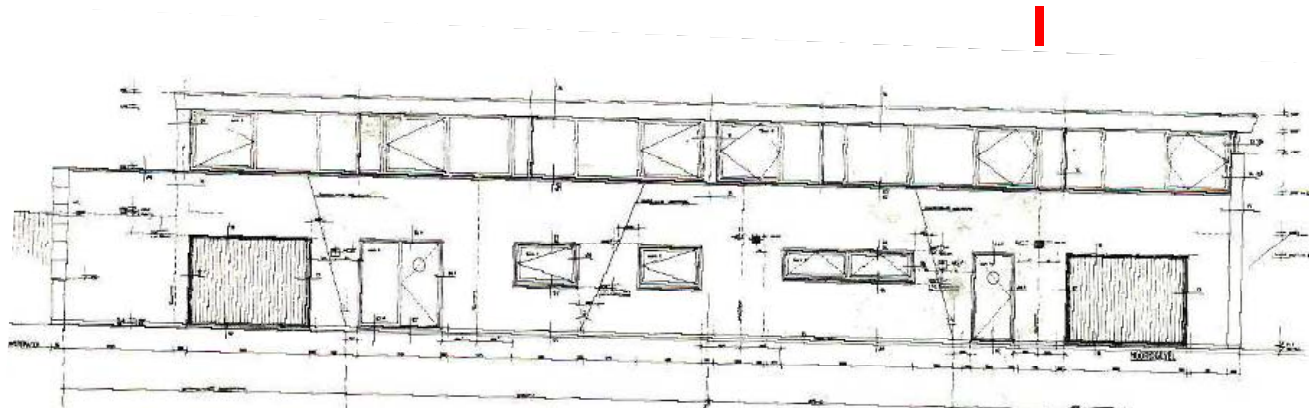
E

15.X,2013.

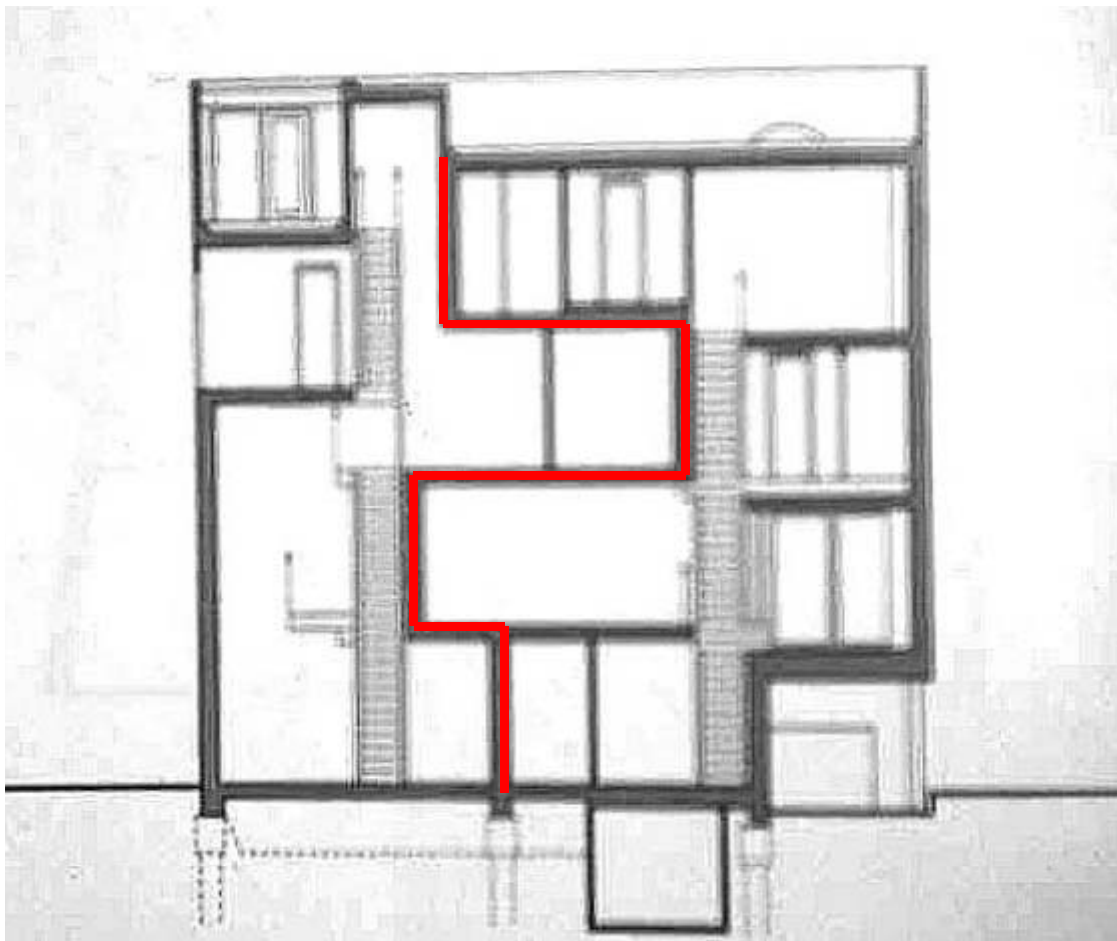


Erki Kairamo: Dvojna kuća, Helsinki (Suomi=Finland) 1990te

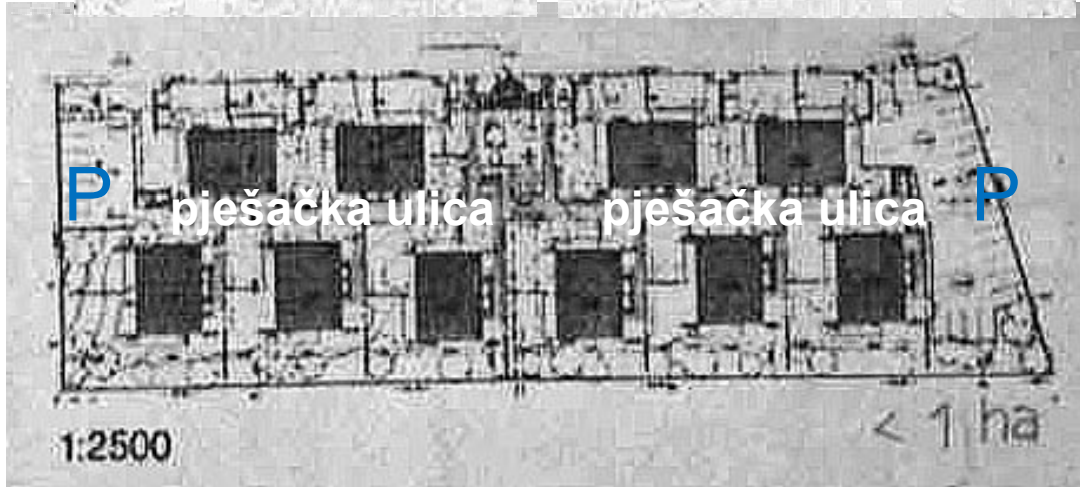
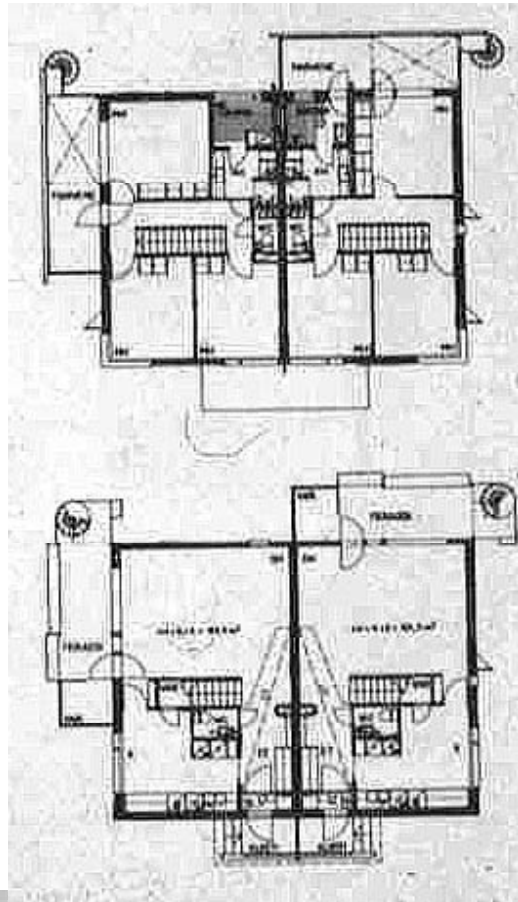
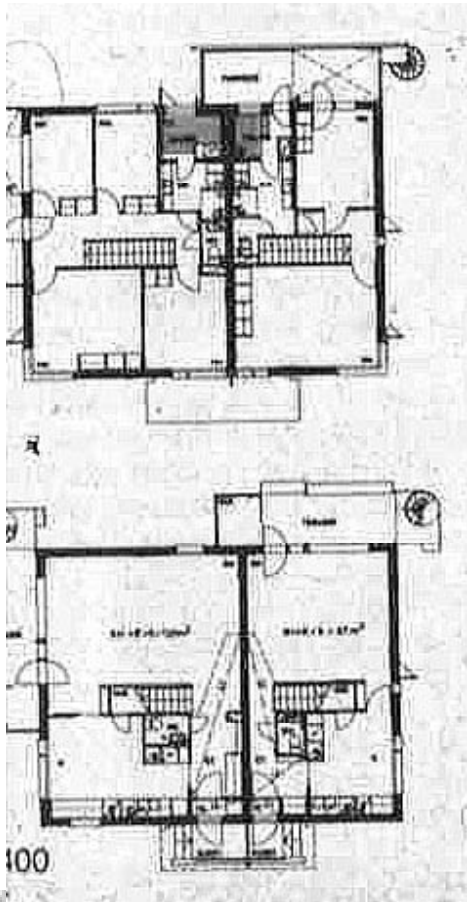




Rem Koolhaas: Two Patio Villas, Rotterdam, NL, 1988.



MVRDV: Kuća u Utrechtu

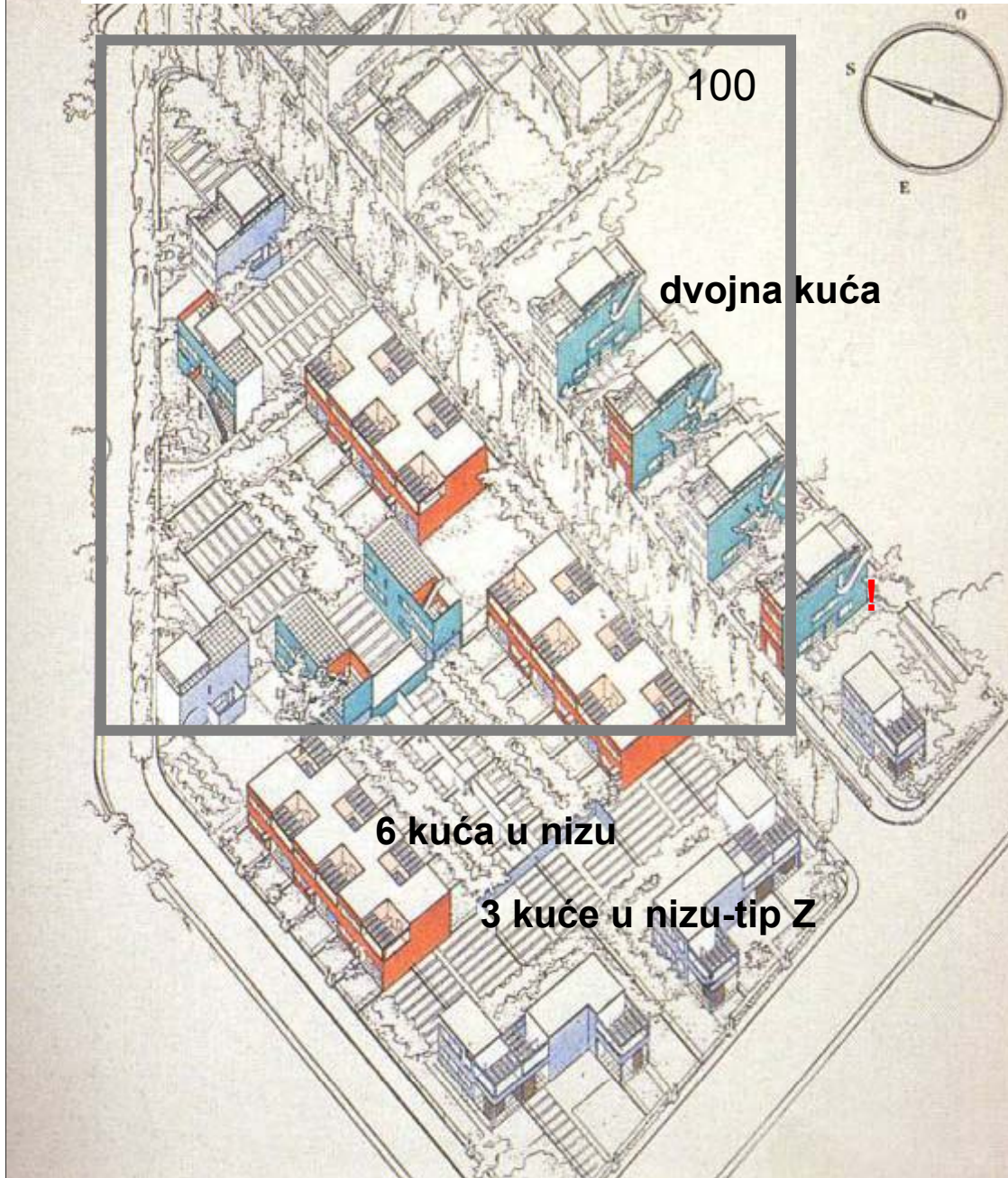


Gullichsen, Kairamo, Vormala :Westend – Helsinki,1982.



Dubec, Zagreb
(naselje dvojnih kuća)

Le Corbusier: naselje Pessac, 1925.



Le Corbusier: 3 kuće u nizu-tip "Z"



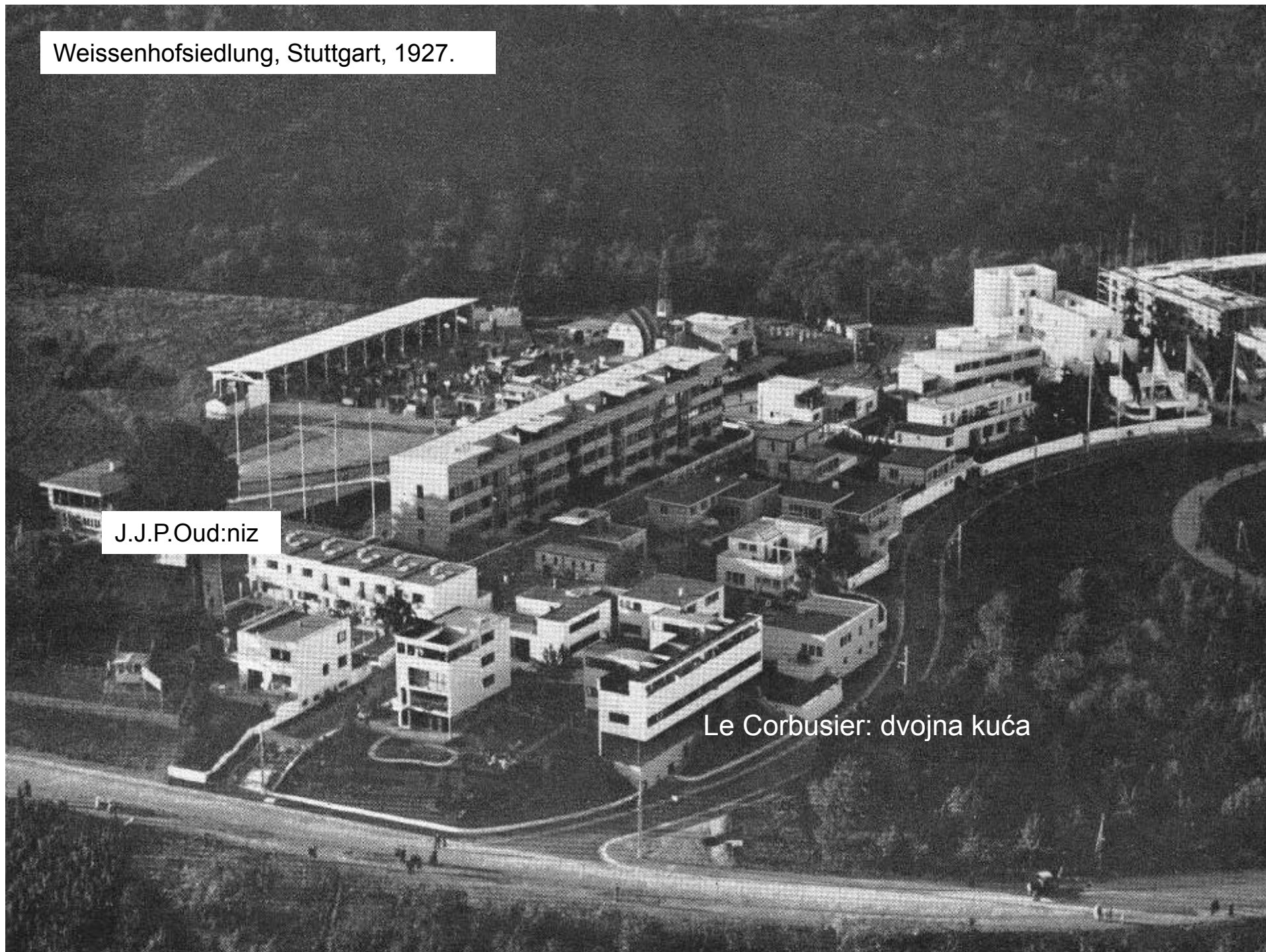
Le Corbusierdvojna kuća (tip "neboder")



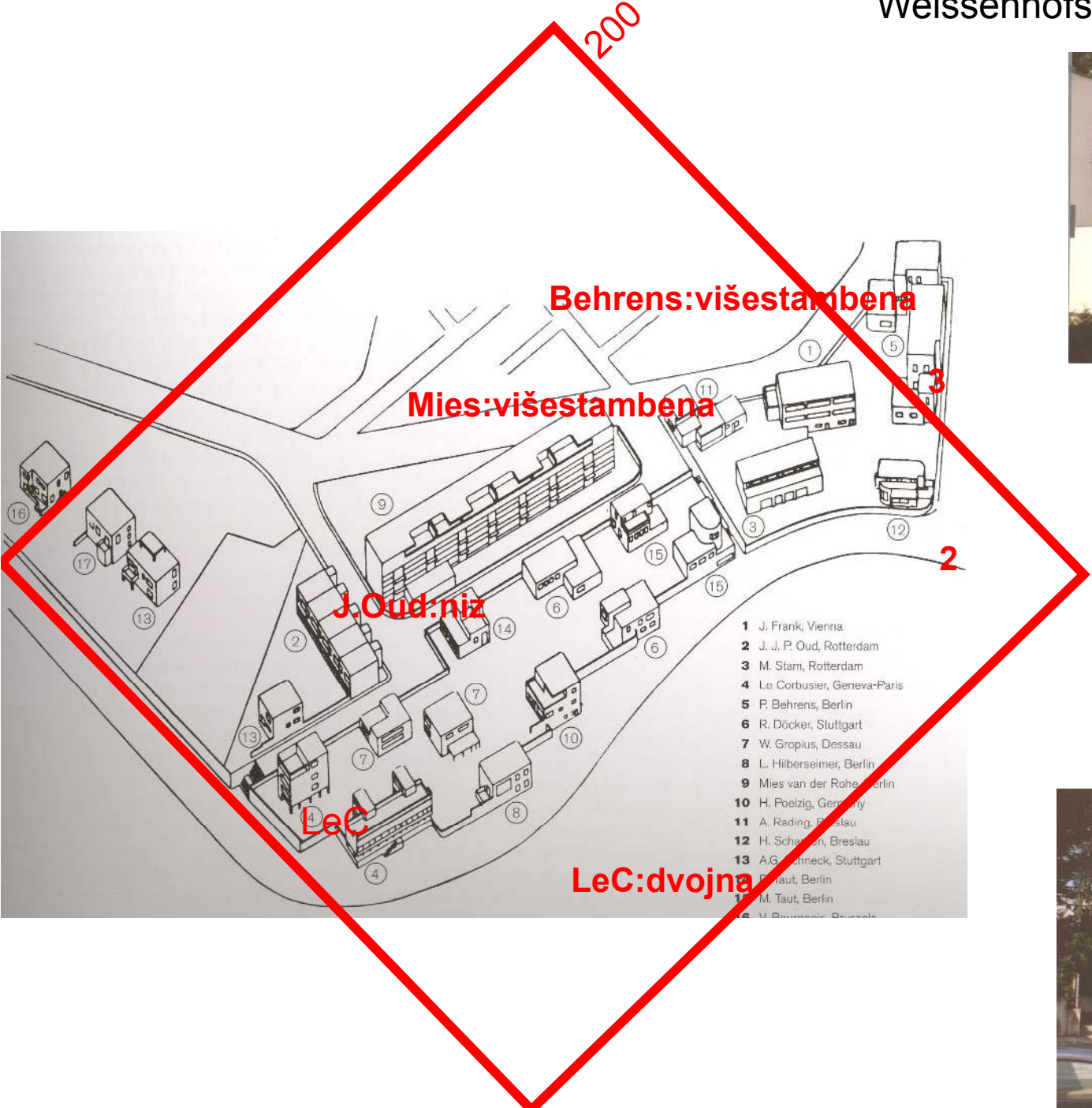
Weissenhofsiedlung, Stuttgart, 1927.

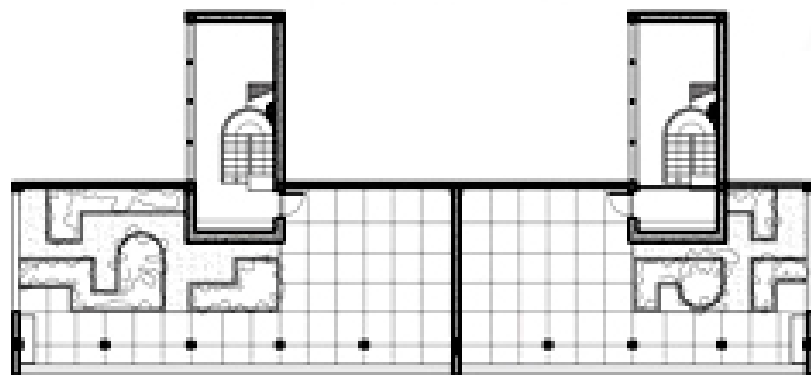
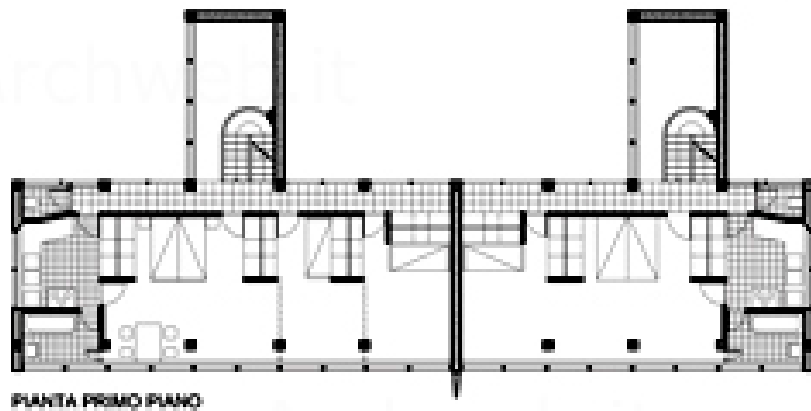
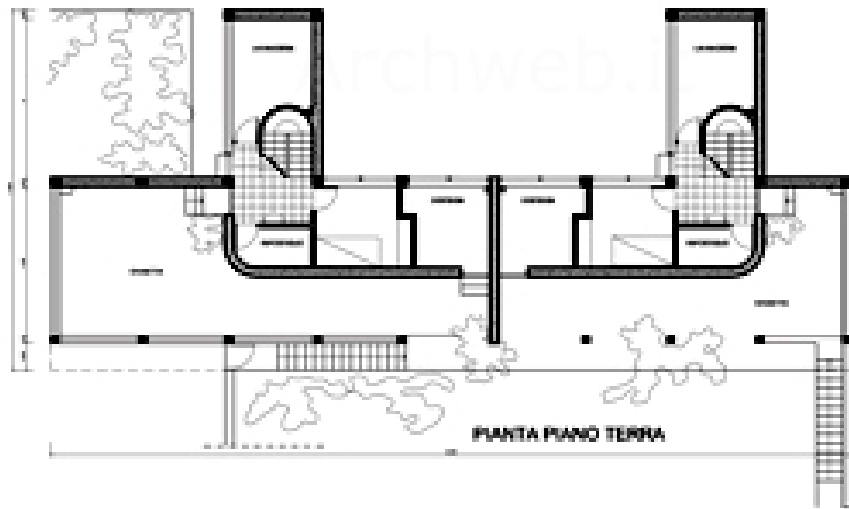
J.J.P.Oud:niz

Le Corbusier: dvojna kuća



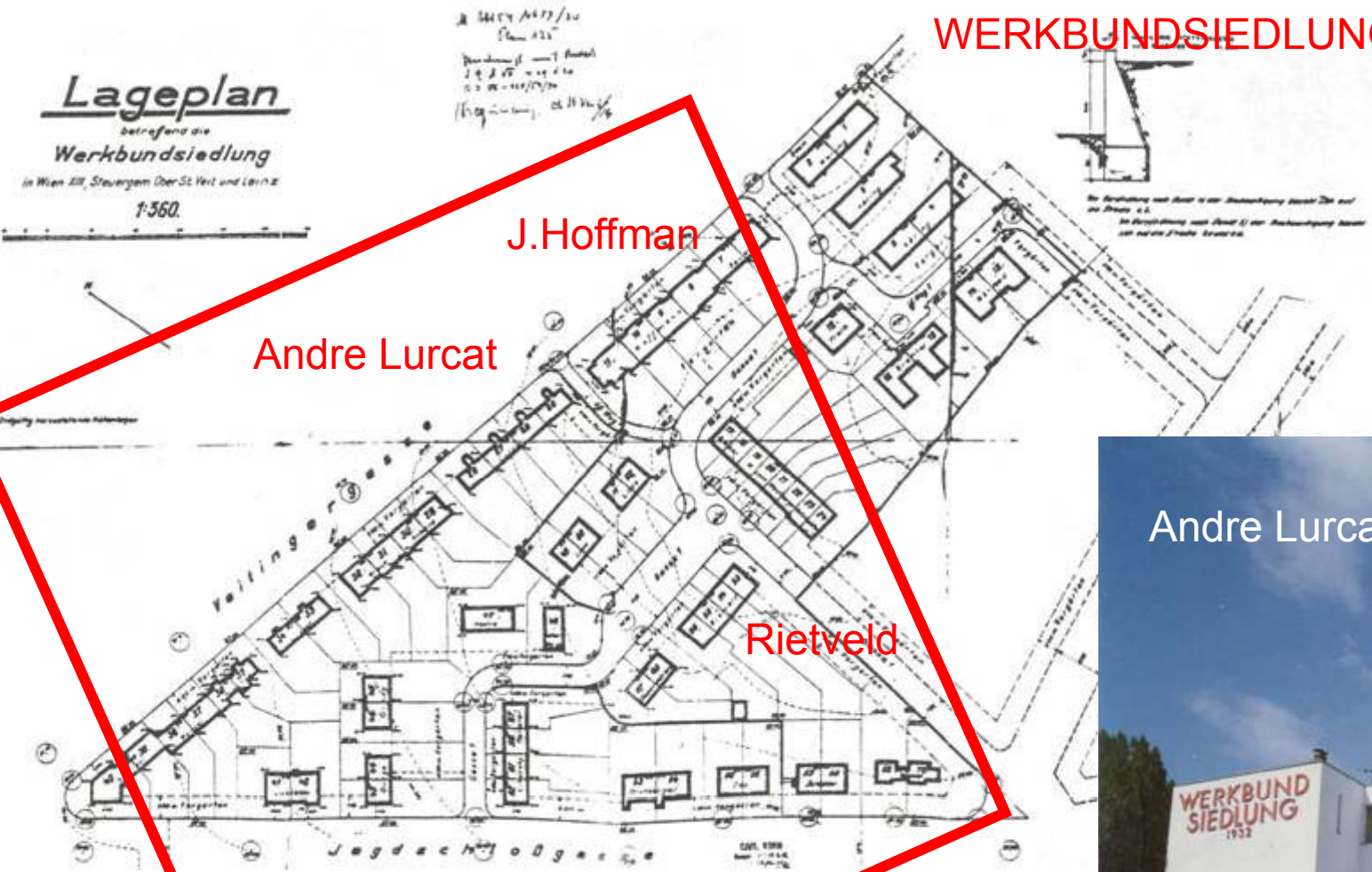
Weissenhofsiedlung, Stuttgart, 1927.





Le Corbusier: Weissenhofsiedlung, 1927.

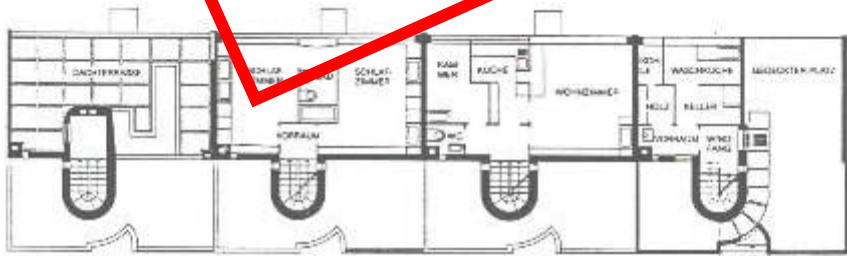
WERKBUNDSIEDLUNG, Wien, 1932.



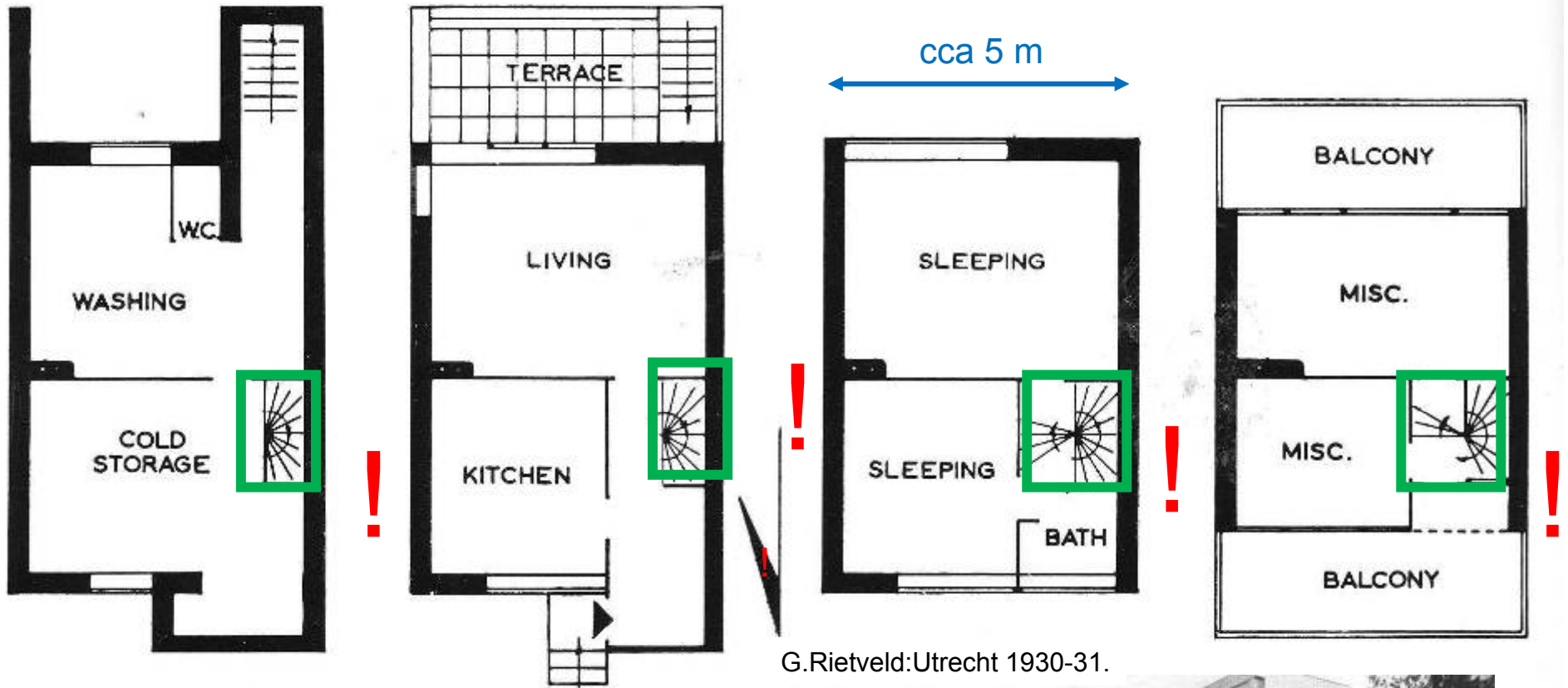
J.Hoffman

Andre Lurcat

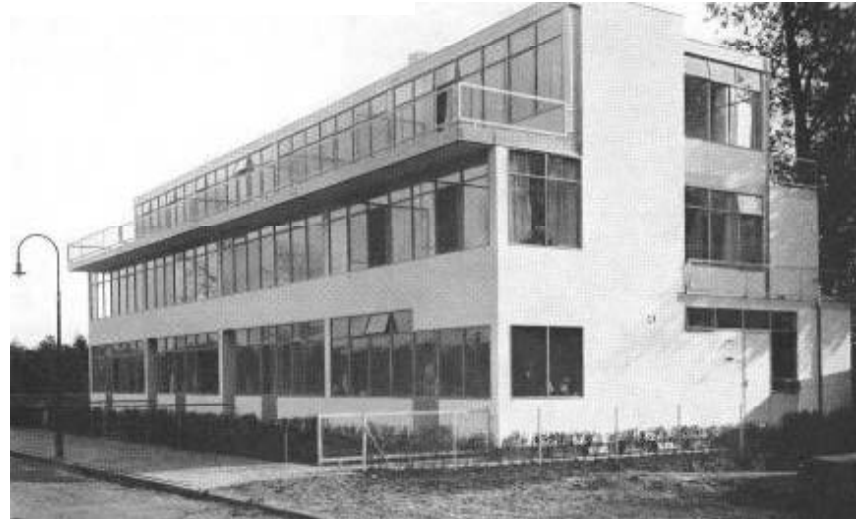
Rietveld

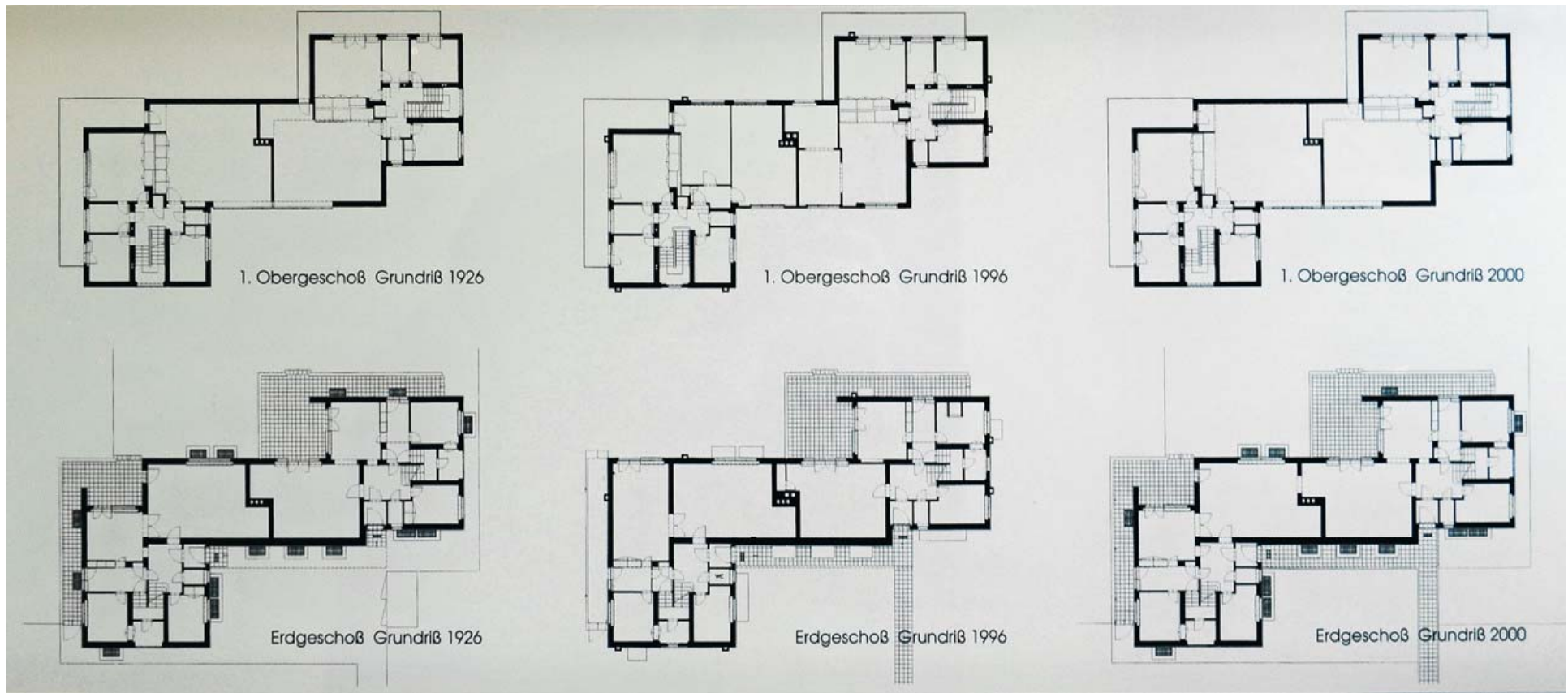


Andre Lurcat (Lursa)



G.Rietveld:Utrecht 1930-31.



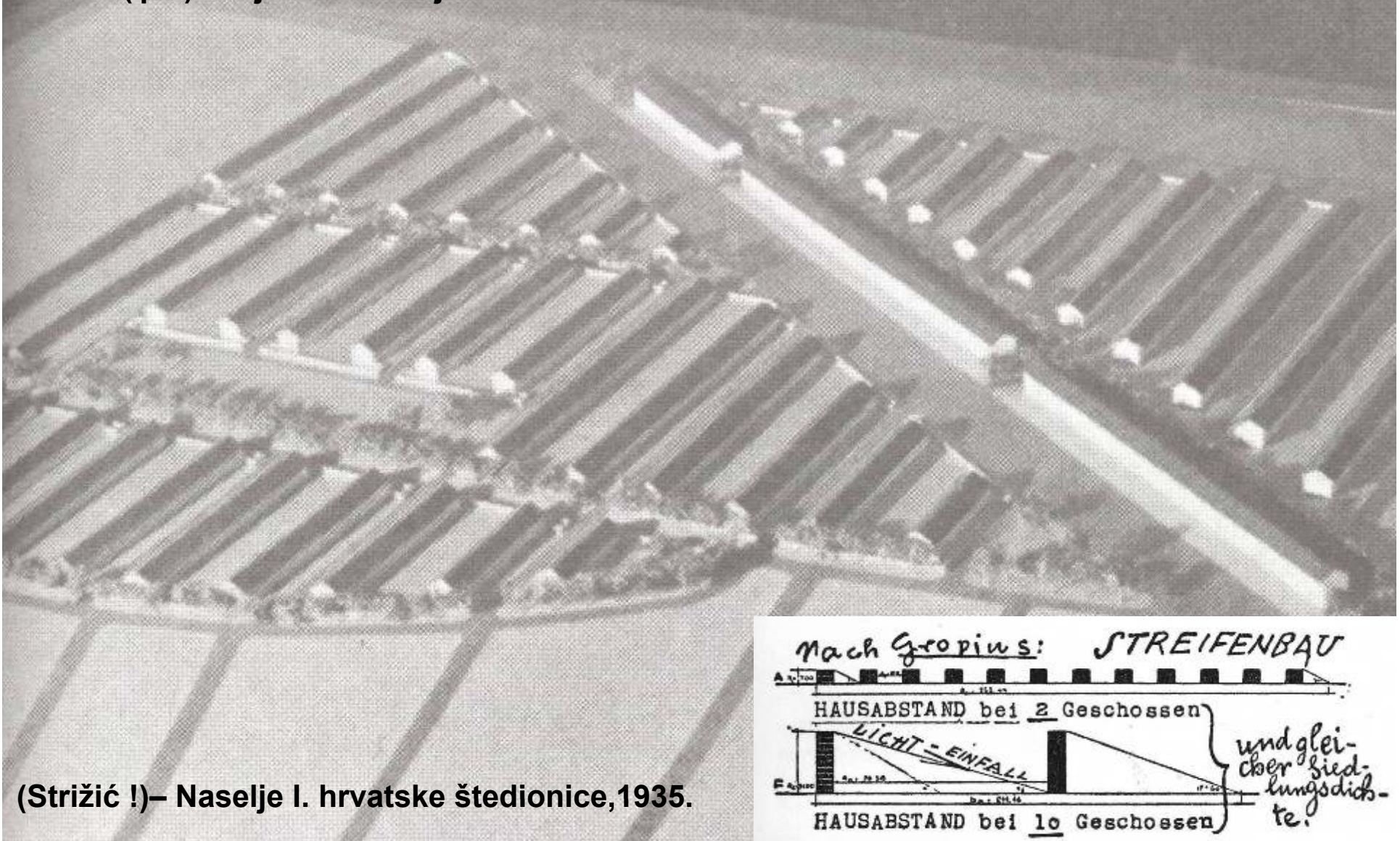


Walter Gropius: tri dvojne kuće za nastavnike Bauhausa, Dessau, 1925/26

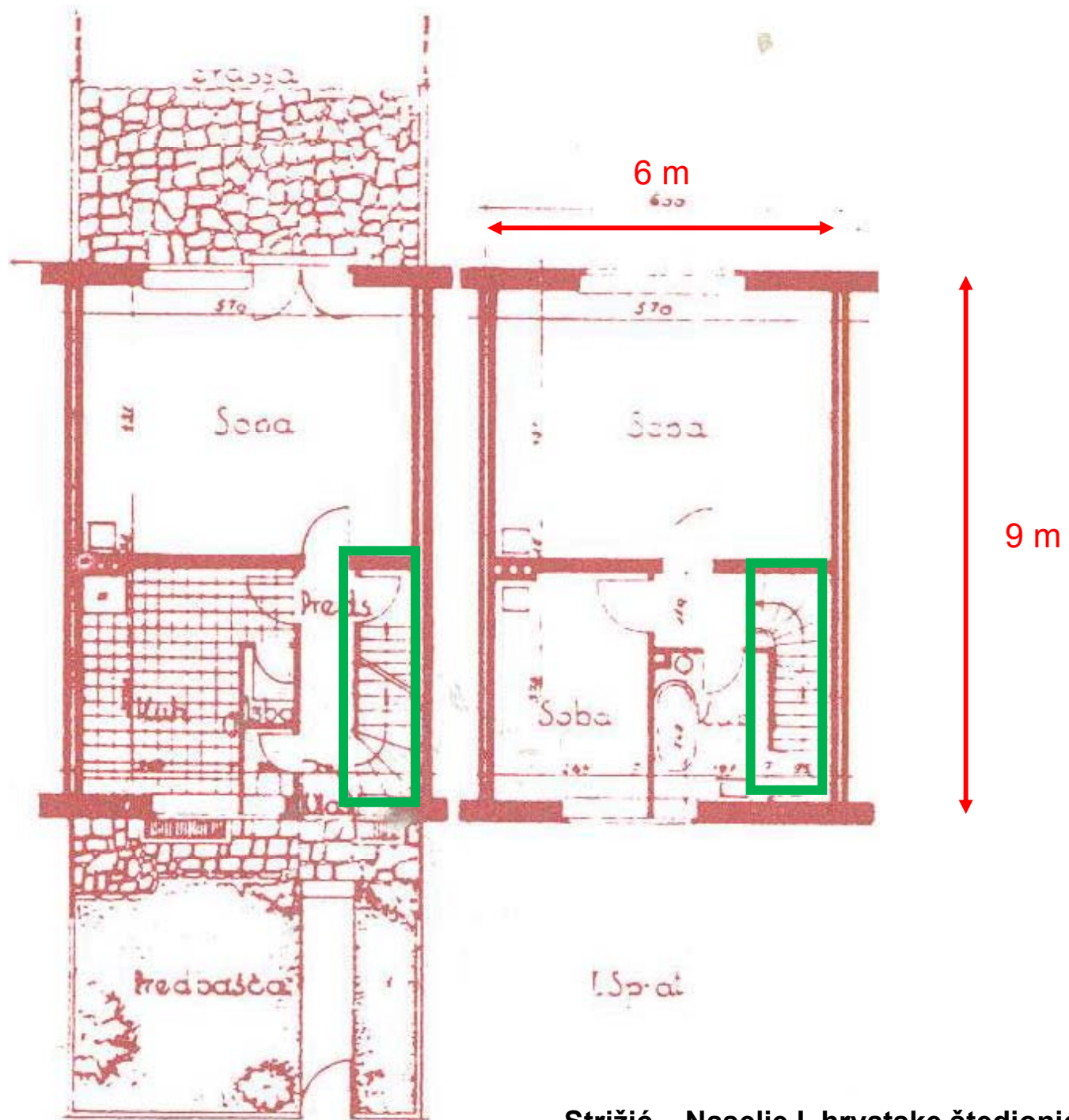


$h=90^\circ - \varphi$ /proljetni i jesenji ekvinocij/
 $h=90 - (\varphi+\delta)$ /zimski solsticij/
 $h=90 - (\varphi-\delta)$ /ljetni solsticij/

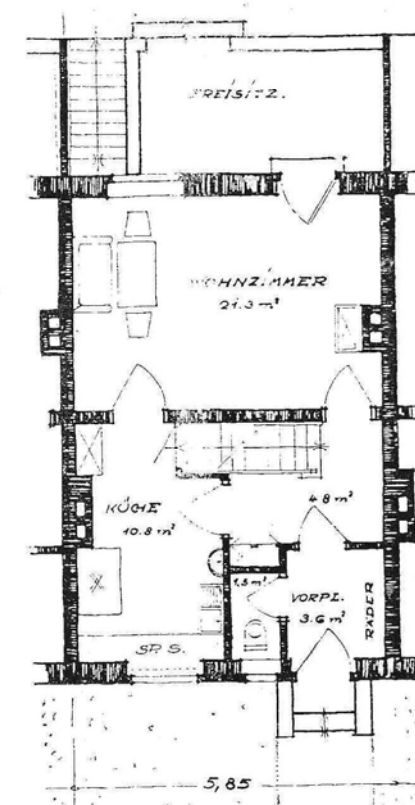
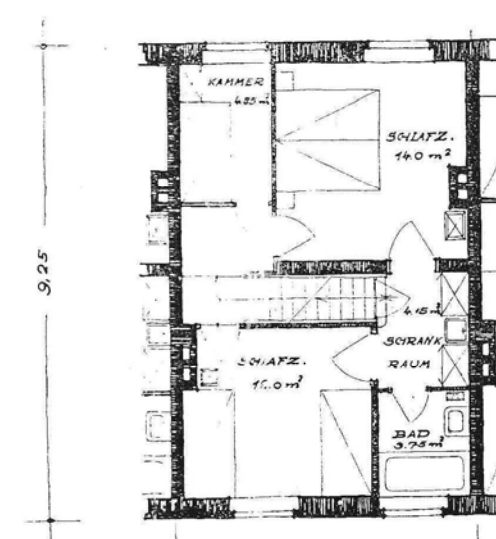
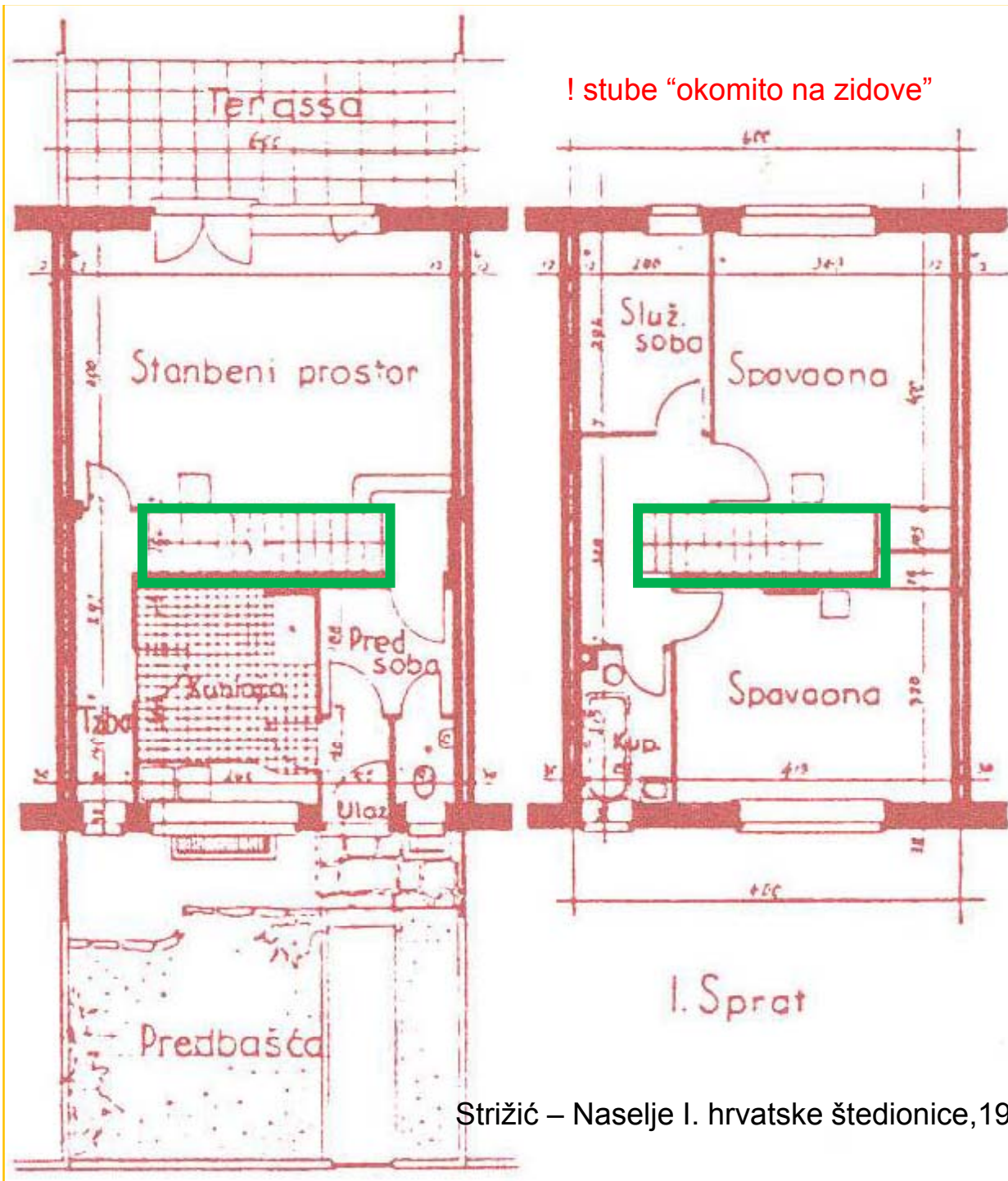
Zagreb - geografska širina = 45.8°
(kut "ravnina ekvatora / ravnina ekliptike" = 23.5°)



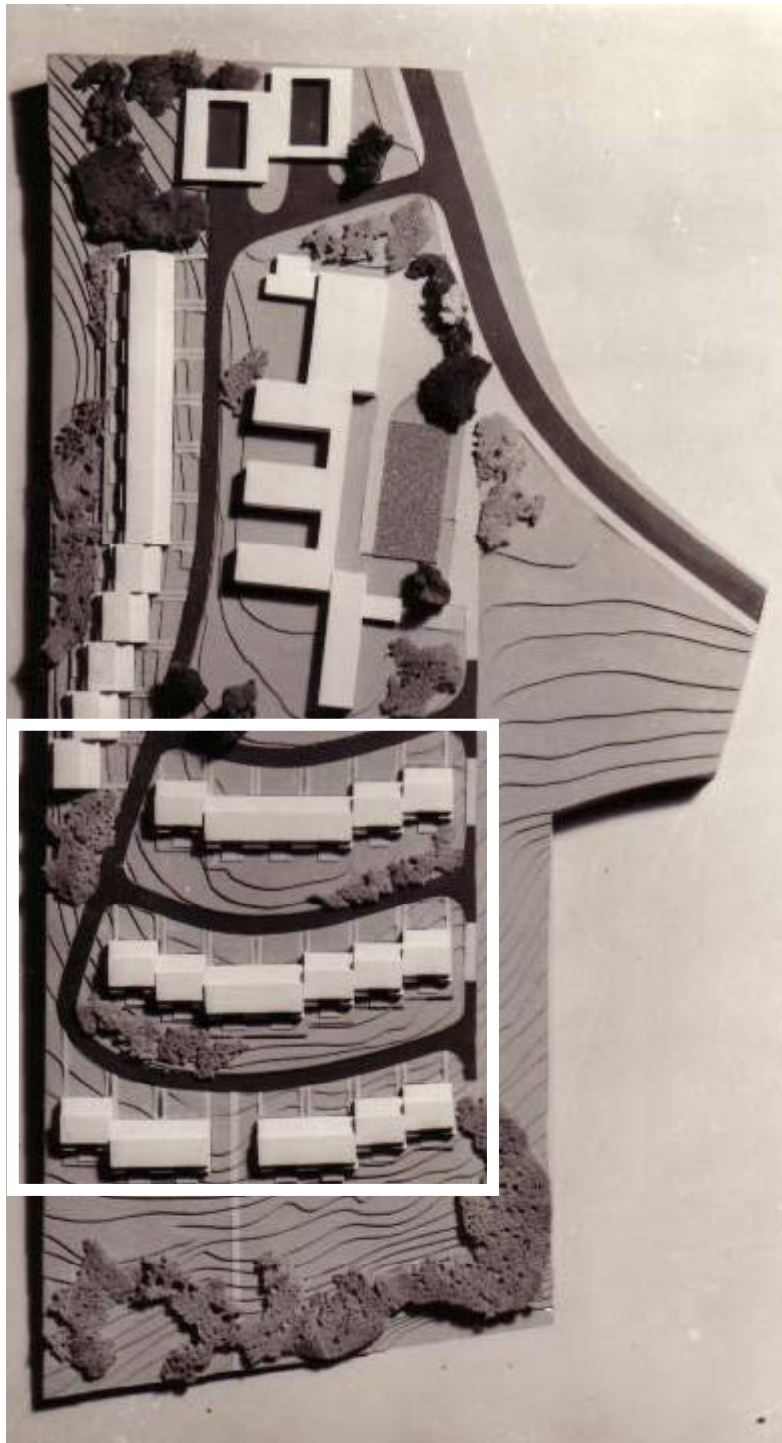
! stube iz pretprostora



Strižić – Naselje I. hrvatske štedionice, 1935.



Strižić – Naselje I. hrvatske štedionice, 1935.



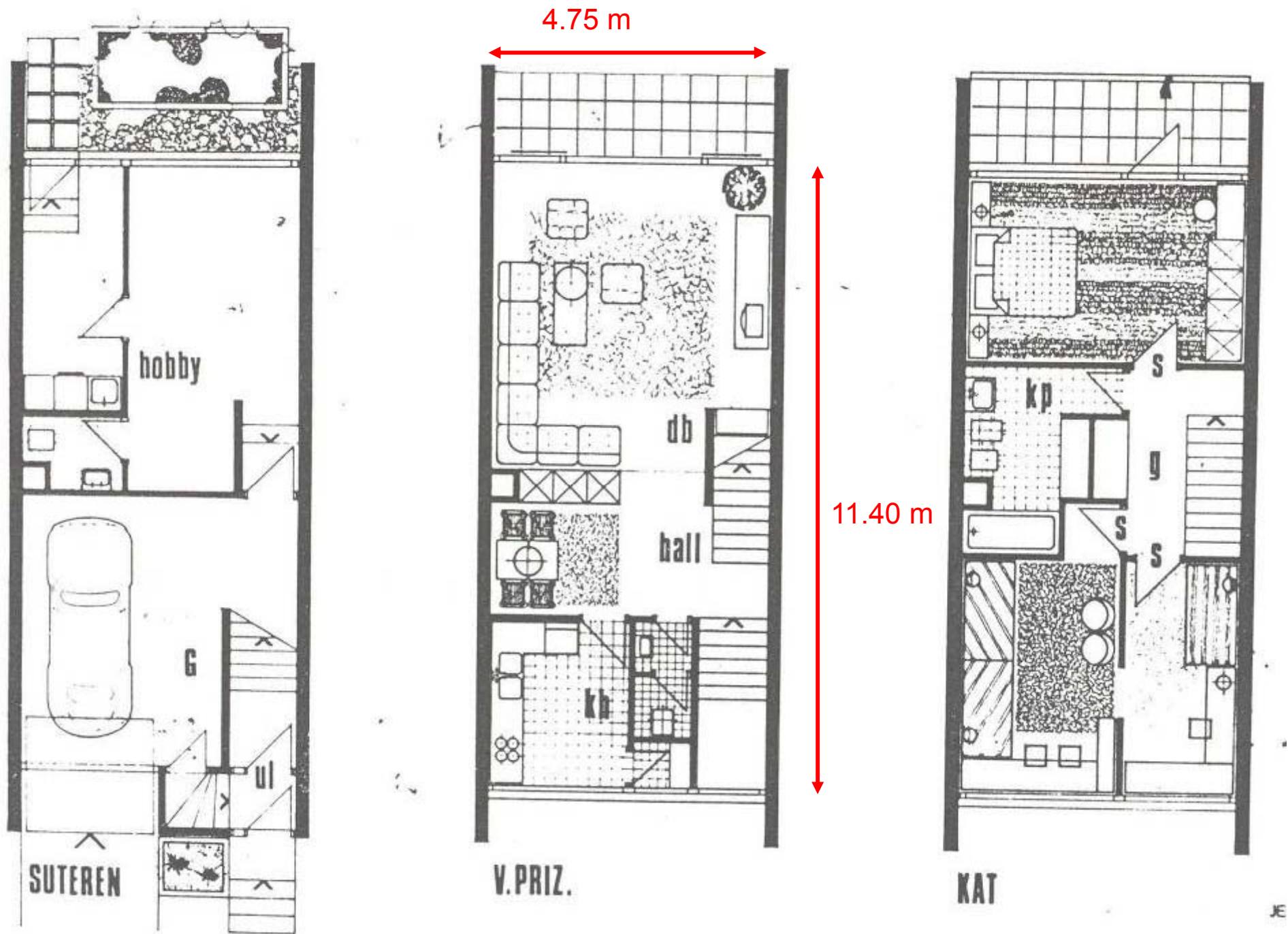
Ivanović & Maretić: Voćarsko naselje, Zagreb, 1964.



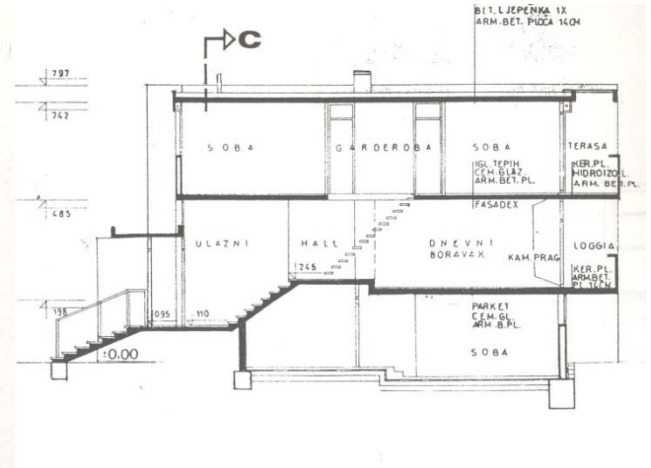
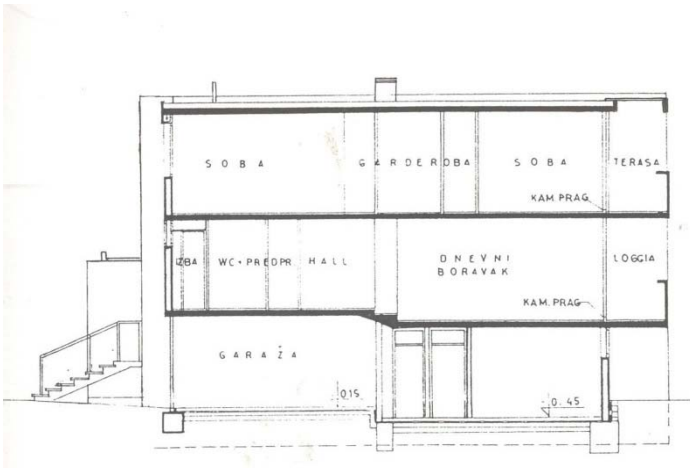
Ivanović & Maretić: Voćarsko naselje, Zagreb, 1964.



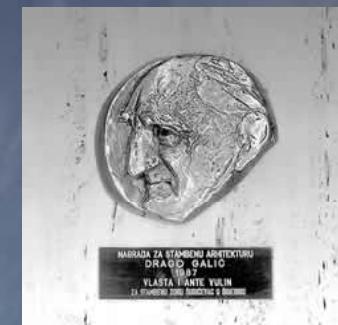
Ana-Marija Jelinčić-Semenčić: nizovi, Utrine, 1970te



Ana-Marija Jelinčić-Semenčić: nizovi, Južni Zagreb, 1970te

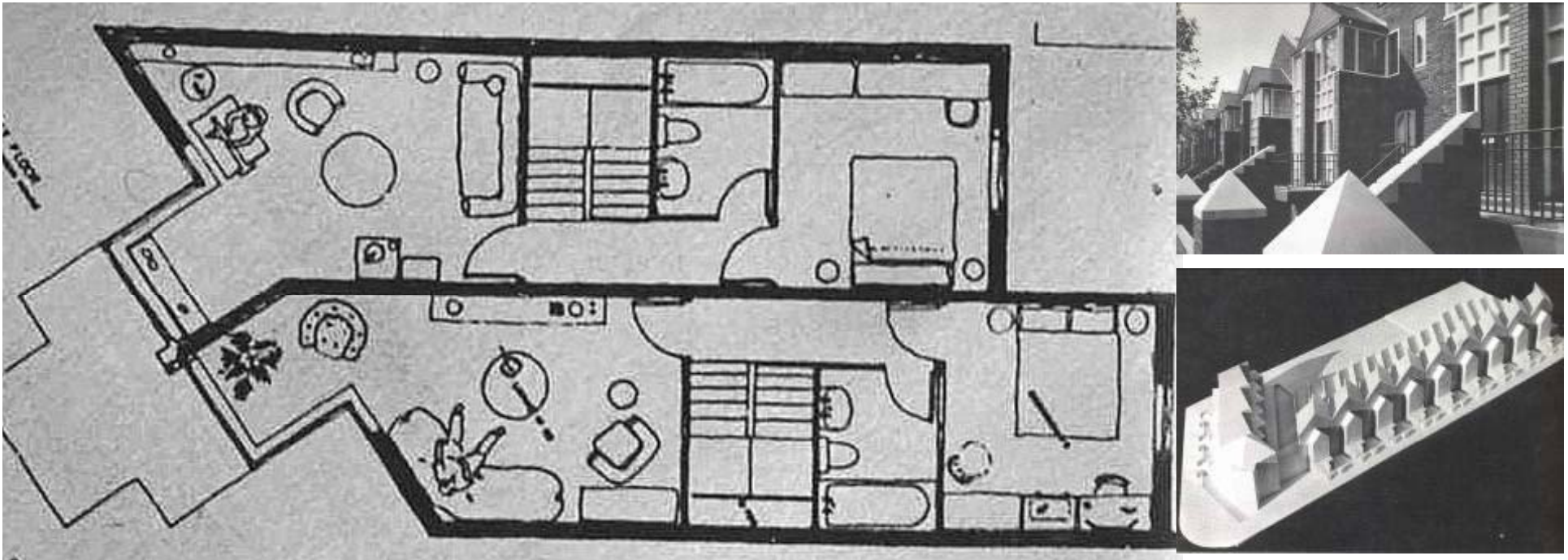


Ana-Marija Jelinčić-Semenčić: nizovi, Južni Zagreb, 1970te

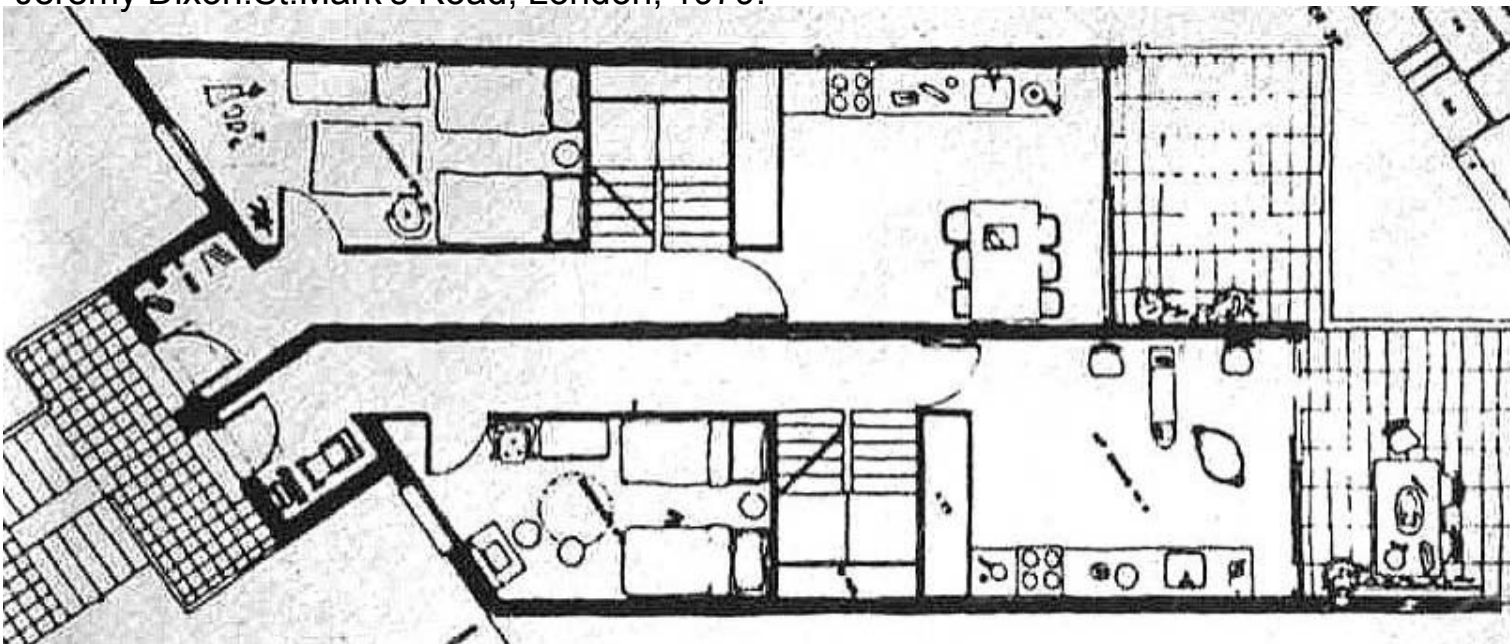


(od 1983.)

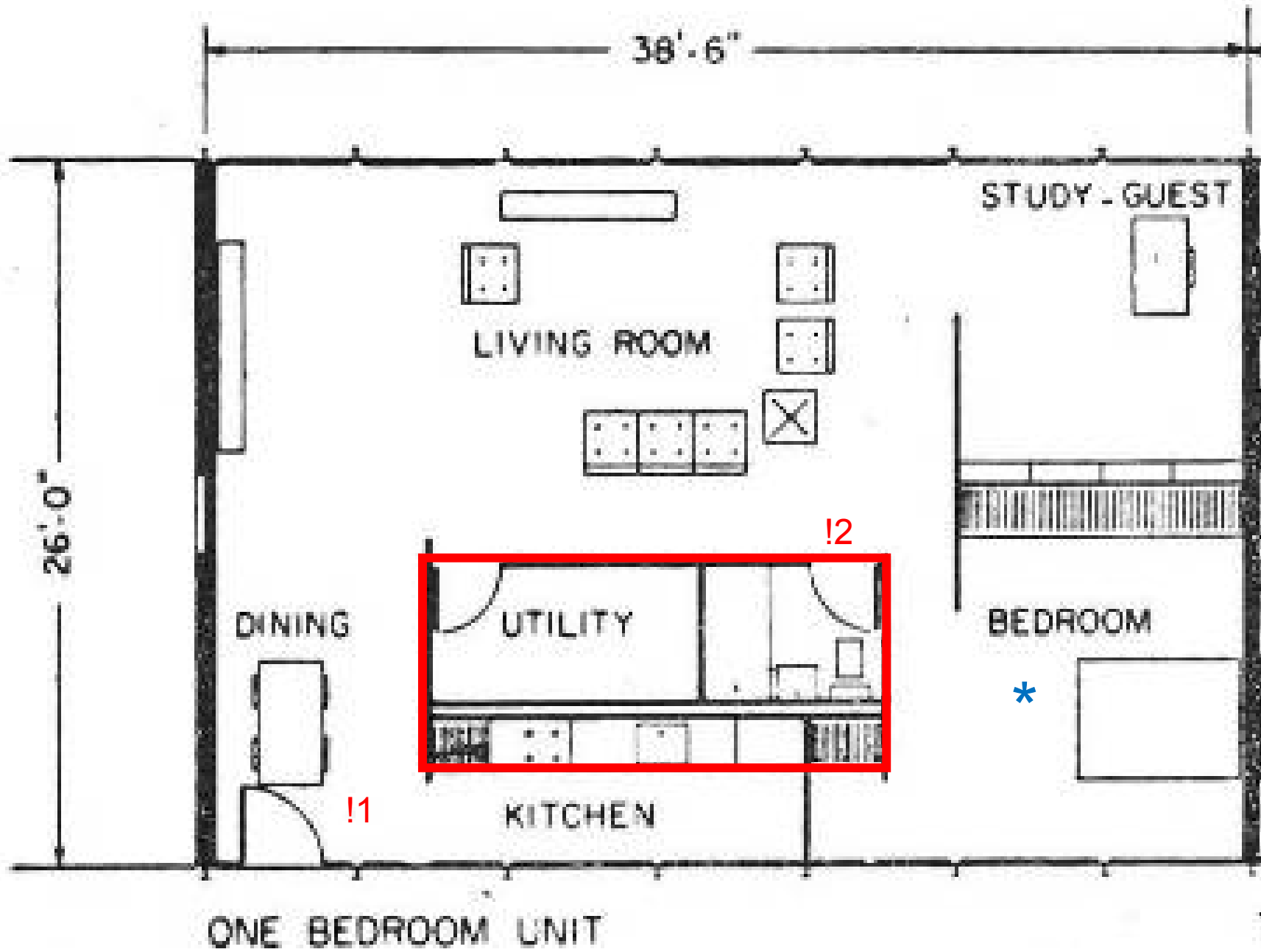
1994.T. Odak:Nizovi.Samobor

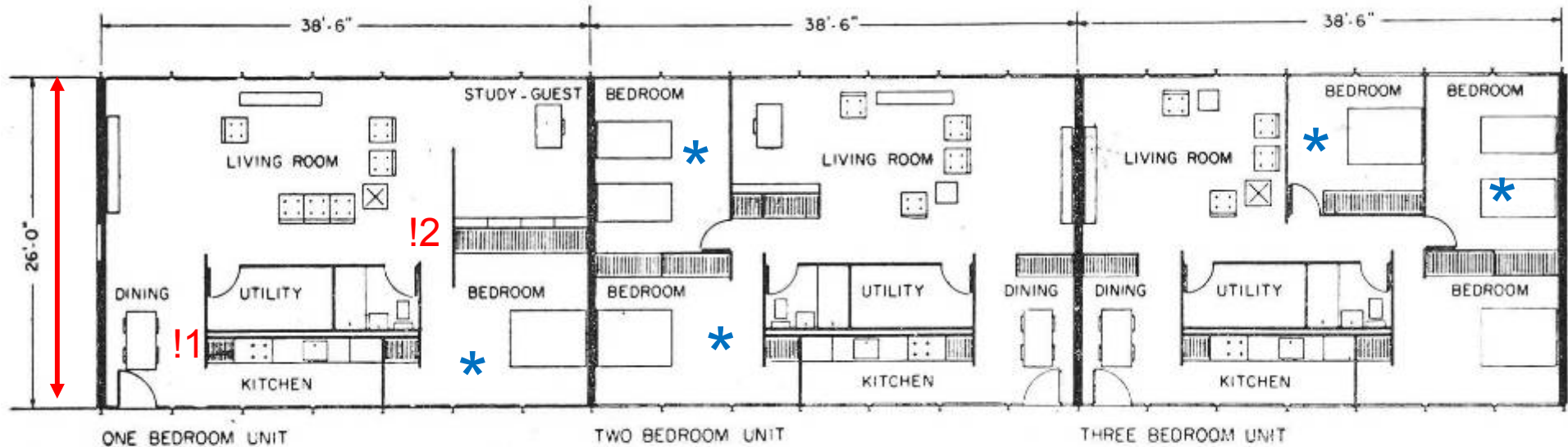


Jeremy Dixon: St. Mark's Road, London, 1979.



330 cm





širina = 11.55 m

površina = 90 m²

dubina = 7.8 m

* broj spavaonica

-isti (fleksibilni) prostor sa fiksnom utilitarnom jezgrom (kupaonica, kuhinja, gospodarstvo) može obuhvatiti jednu, dvije ili tri spavaće sobe /prema aktualnim potrebama/

1' = 12"

1" = 1 inch = 2,54 cm

1' = 1 foot = 30.48 cm = cca 30 cm = cca 0.3 m

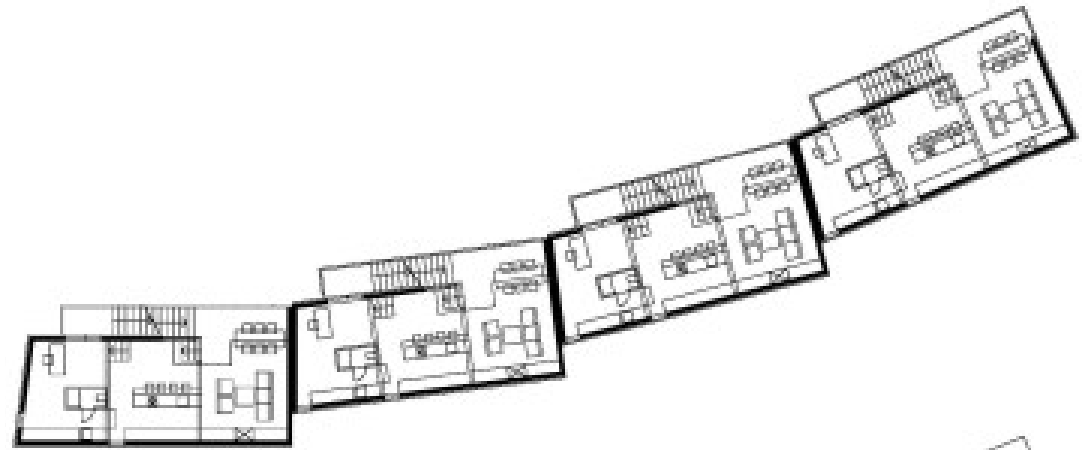
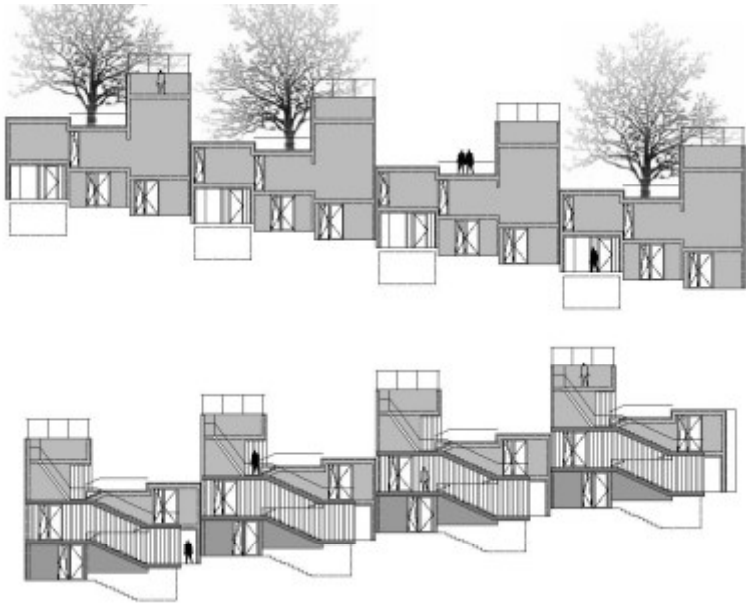
1 sq ft = 0,0929 m² = cca = 0,09 m²

1 m² = 10.7639 sq ft = cca 11 sq ft

Mies van der Rohe: Row House, (projekt)1951.

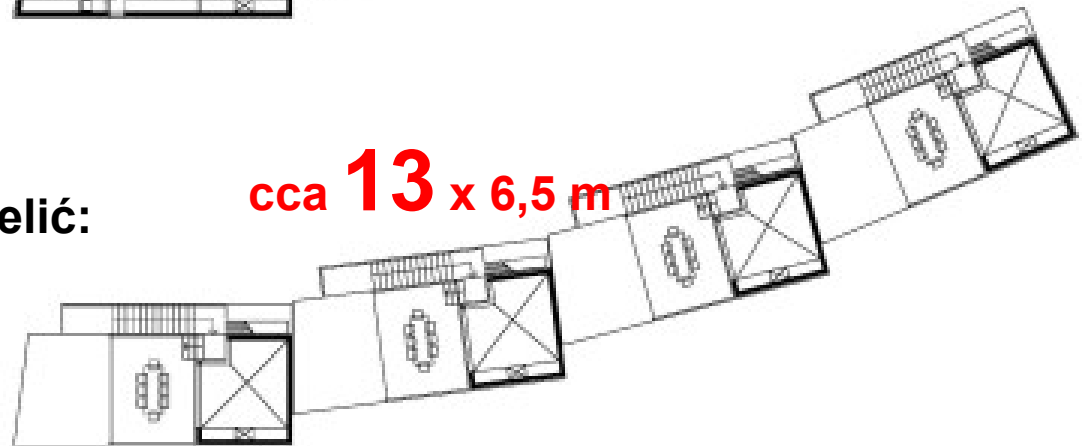


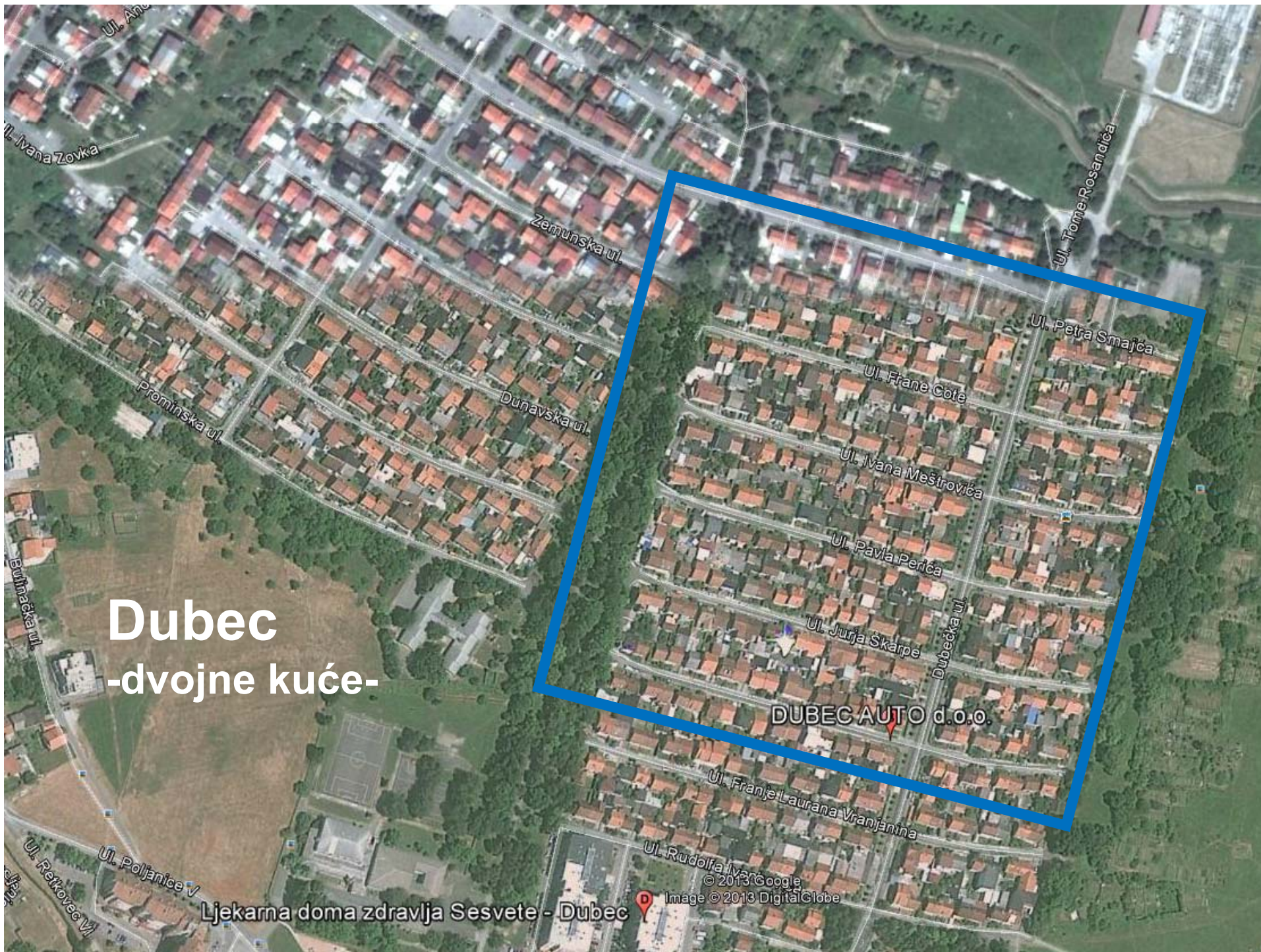
prototype wall



**Petar Mišković & Tomislav Pavelić:
stambeni niz Rukavac**

cca **13** x 6,5 m





Dubec
-dvojne kuće-

DUBEC AUTO d.o.o.

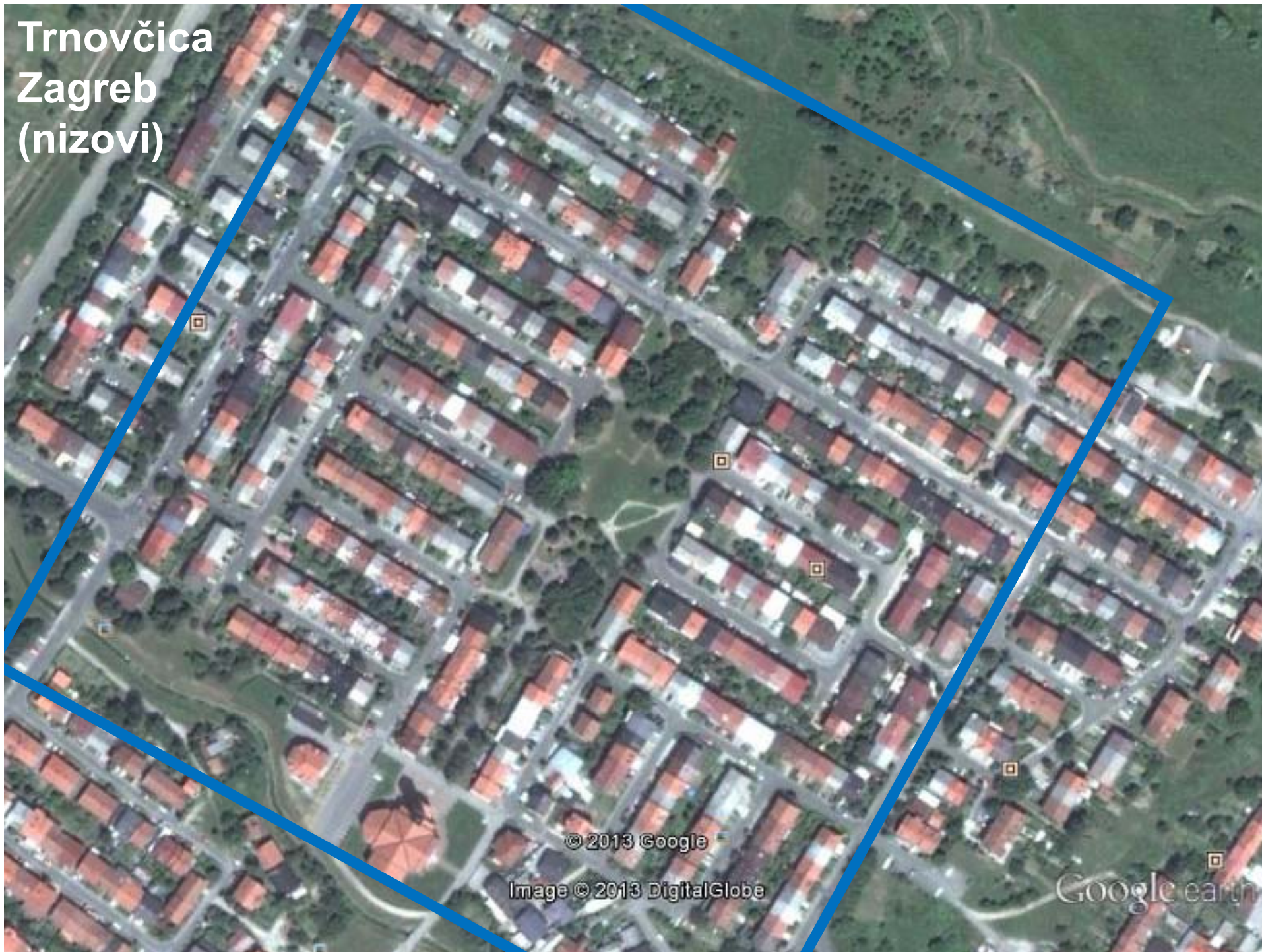
Ljekarna doma zdravlja Sesvete - Dubec

© 2013 Google
Image © 2013 DigitalGlobe

**Novo Brestje
Zagreb
(naselje nizova)**

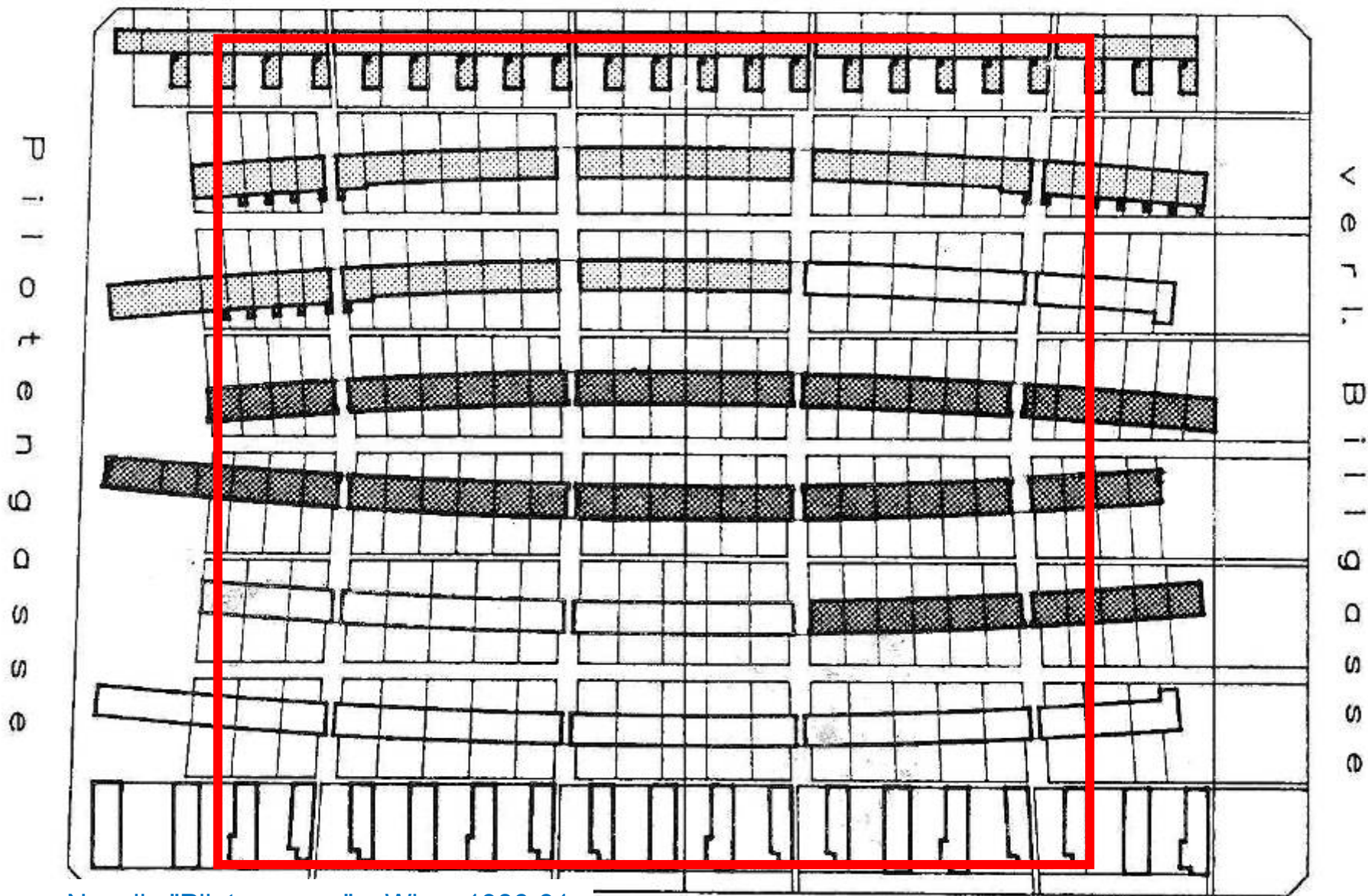


Trnovčica
Zagreb
(nizovi)



Površina naselja: 59.650 m² / Izgrađeno: 14.603 m² / Stambena površina: 20.194 m² / Broj stanova: 201

H a u s f e l d s t r a s s e

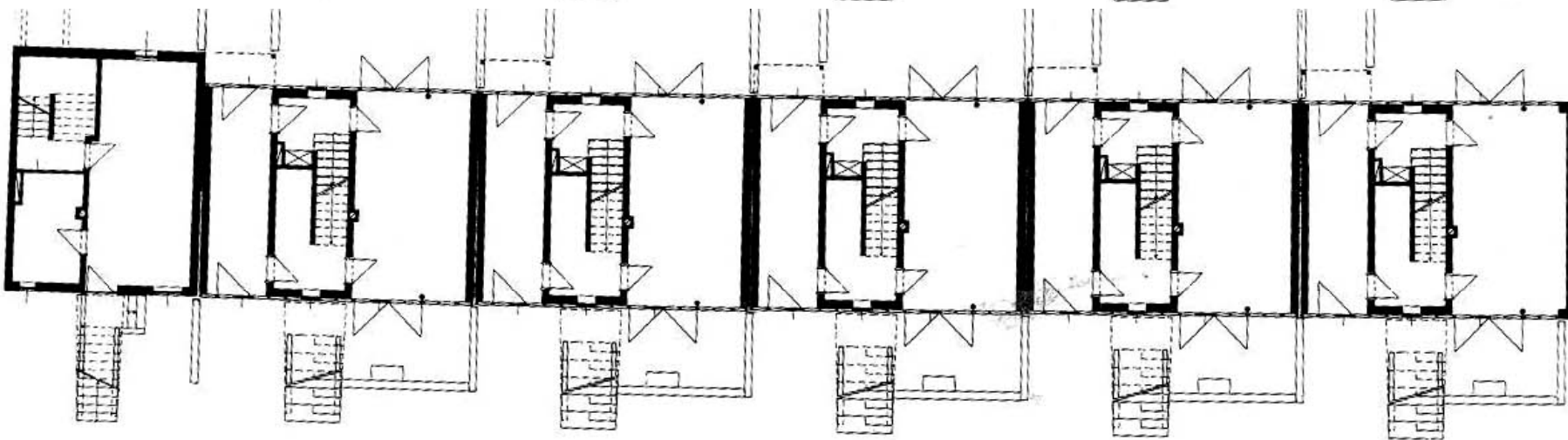
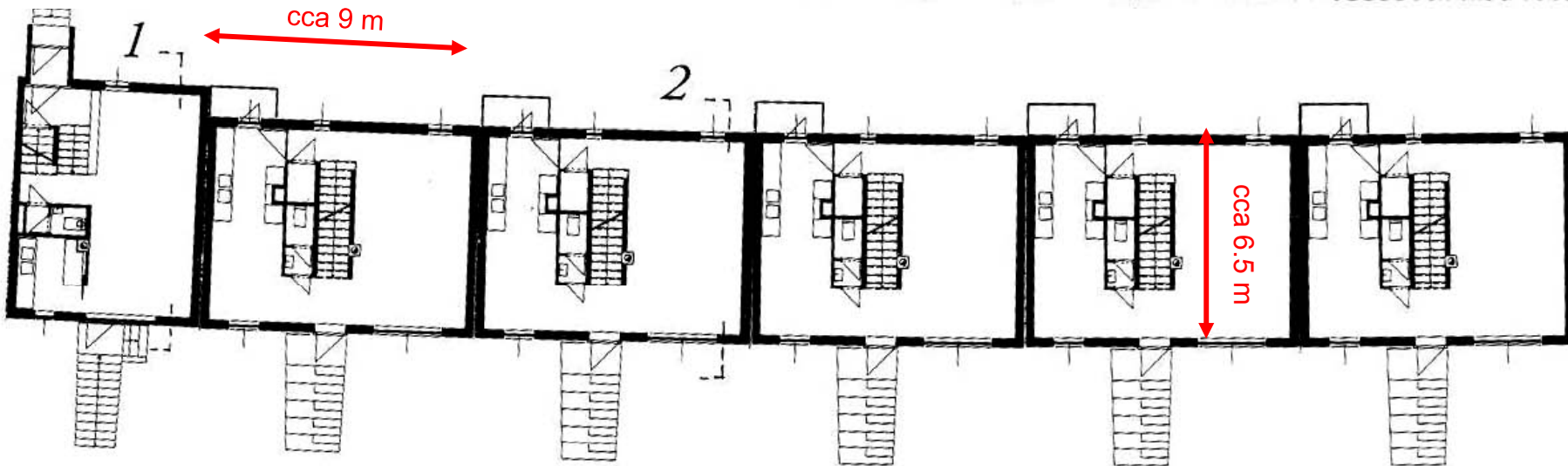
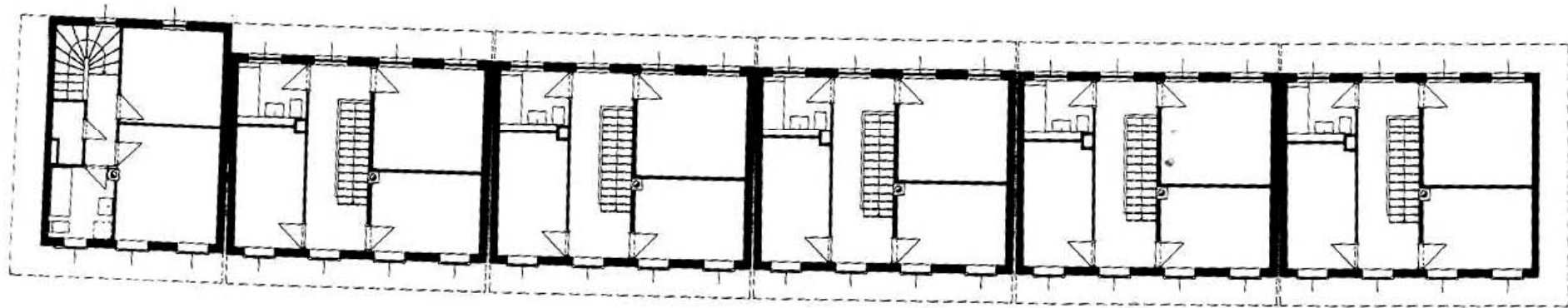


Naselje "Pilotengasse" – Wien, 1986-91.
arhitekti: **Adolf Krischanitz**
Jacques Herzog & Pierre de Meuron
Otto Steidle

K izgr=?

K iskor=?





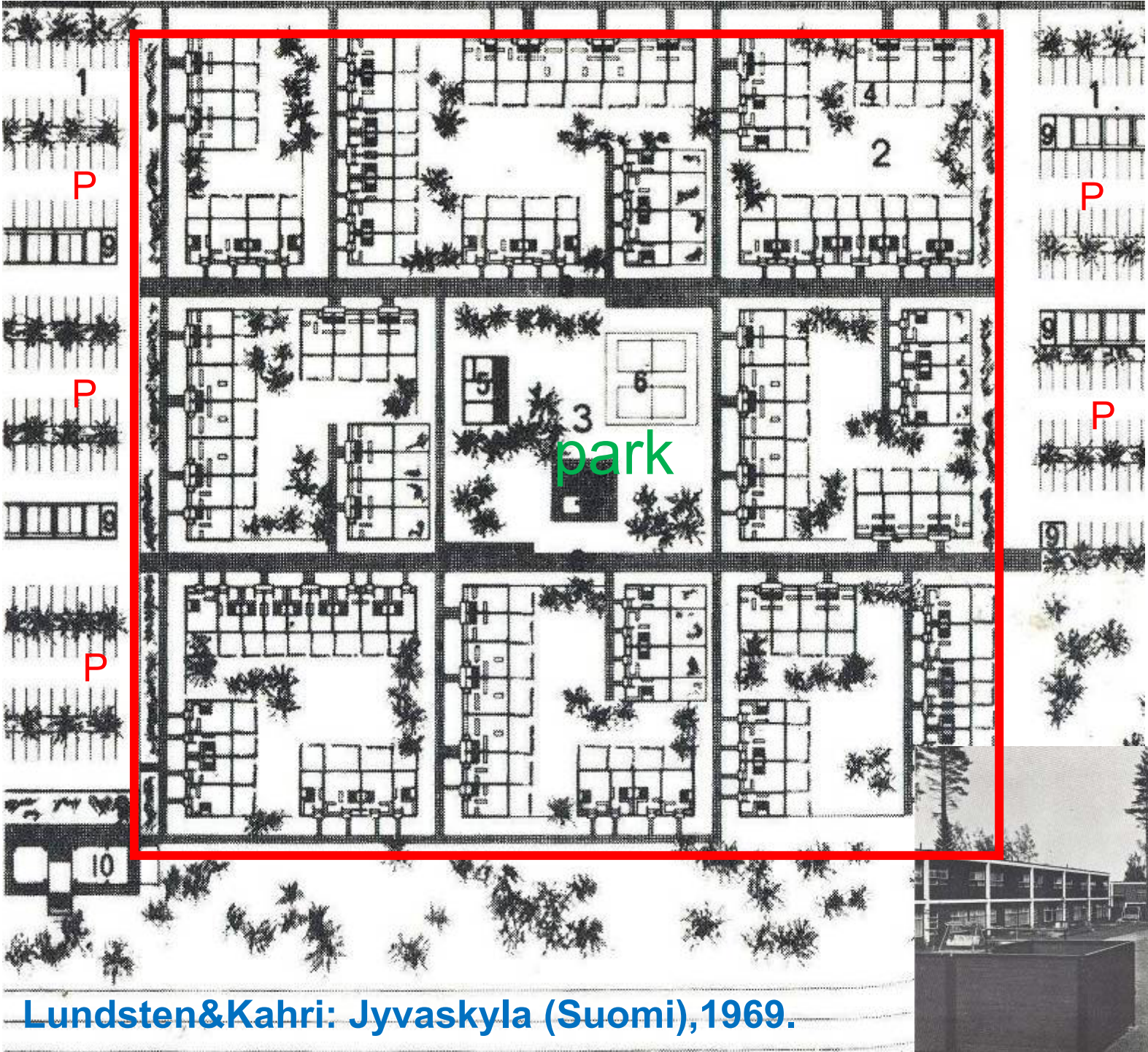


200/200



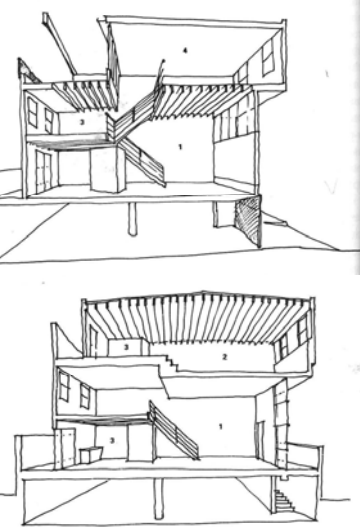
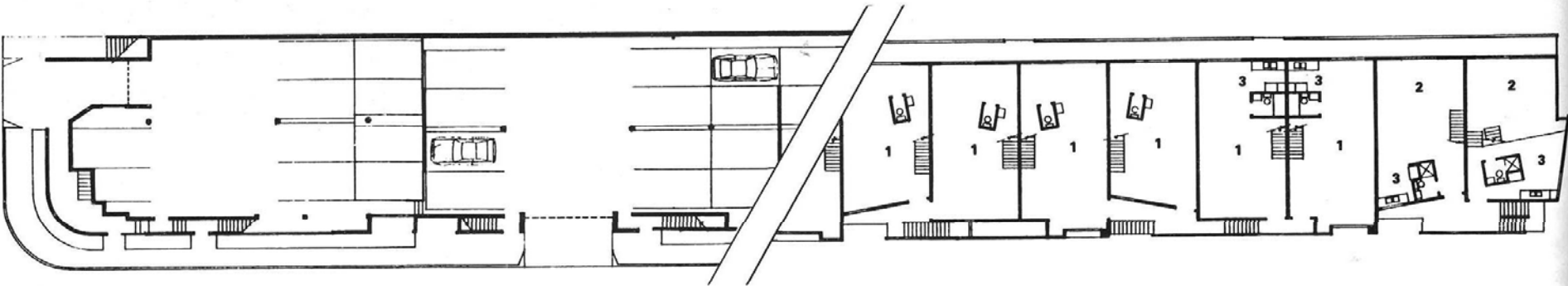
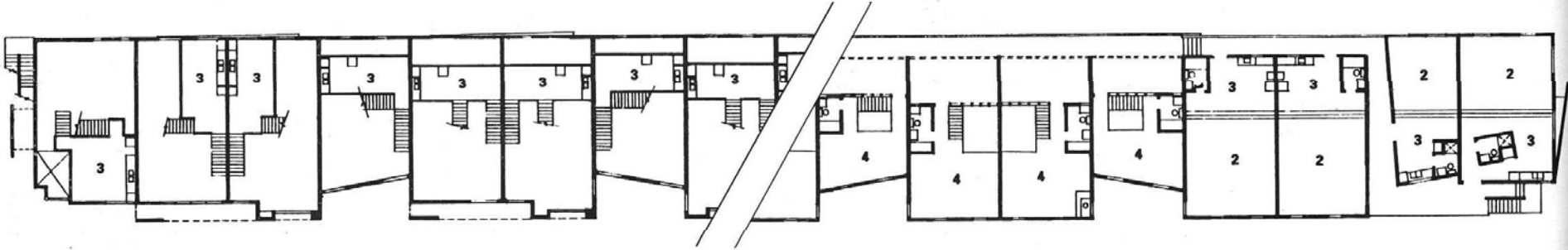
Esko Kahri: Kannelmäki, Helsinki, 1974.

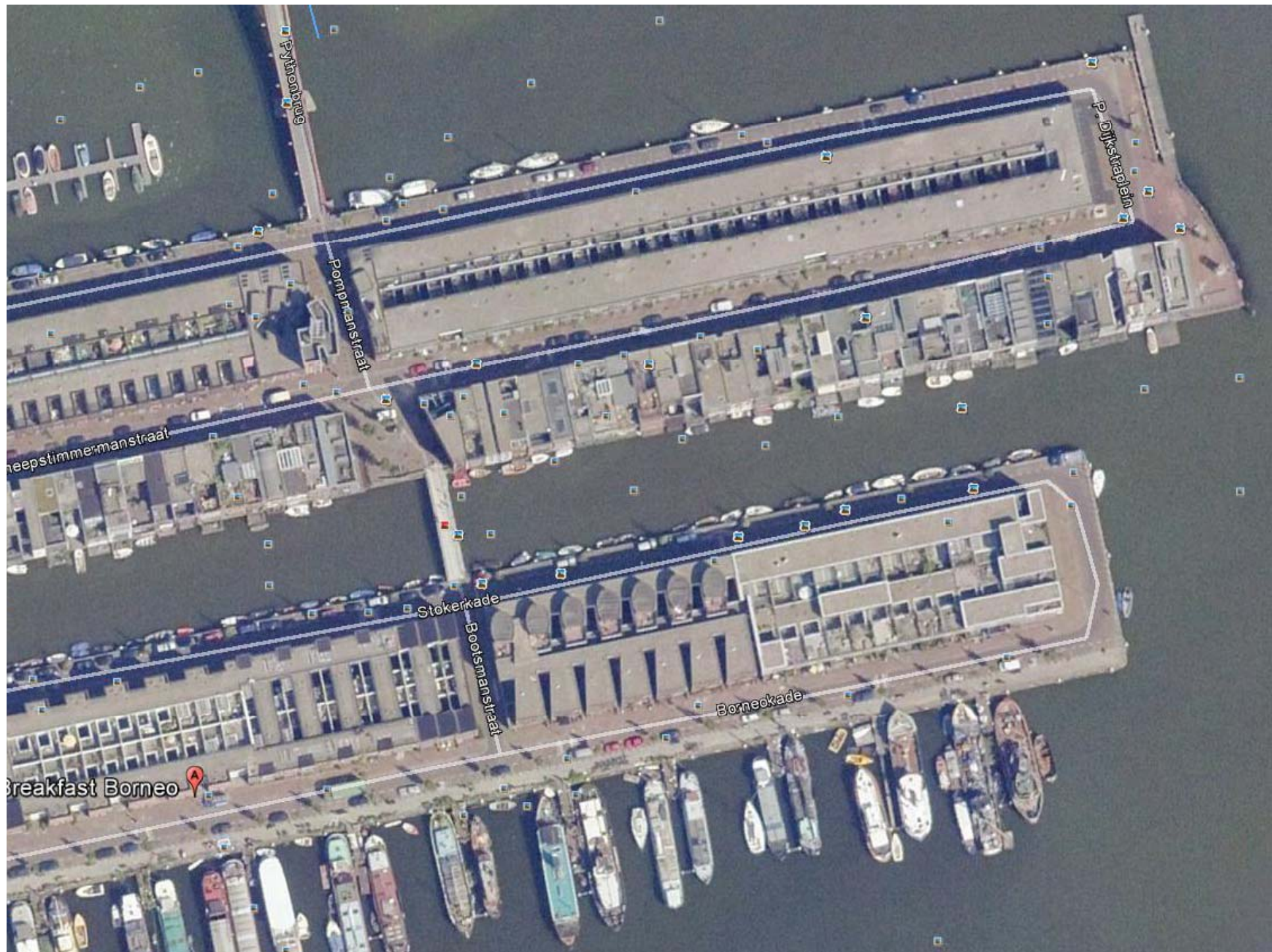
200/200

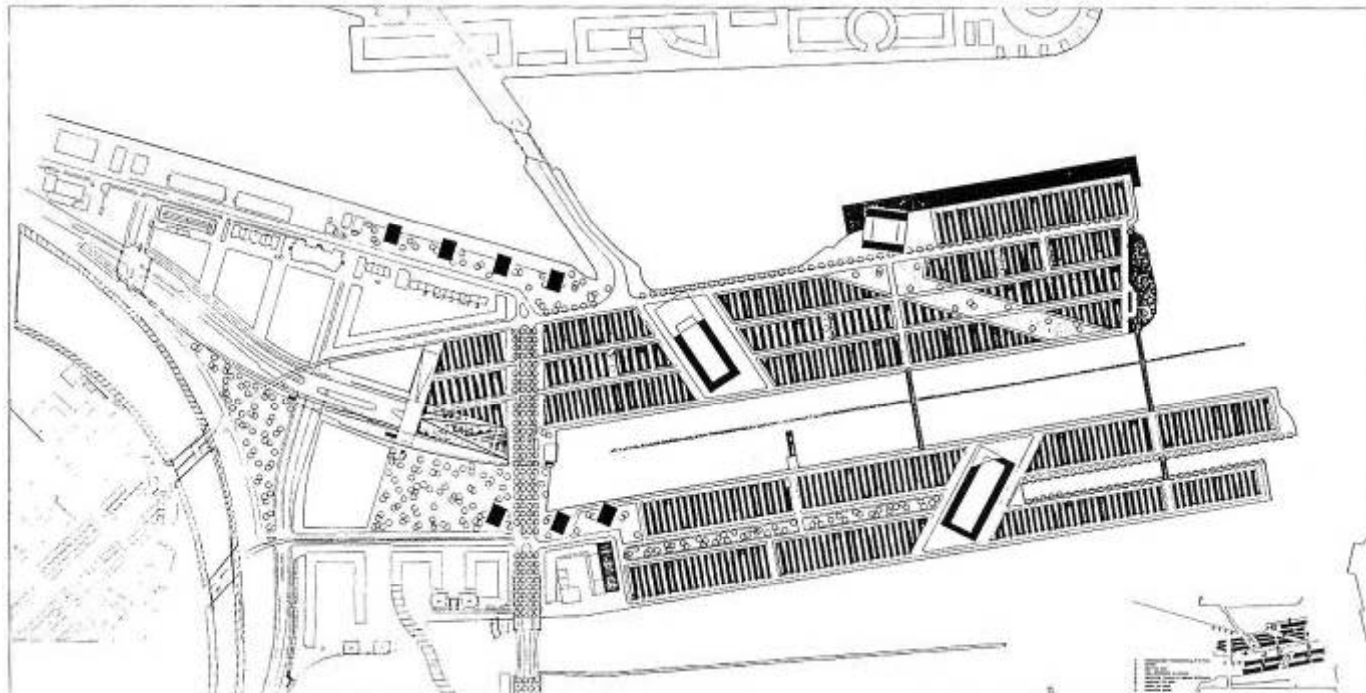


Lundsten&Kahri: Jyväskylä (Suomi), 1969.

Koning Eisenberg: Venice Art Block, LA, 1992.







Borneo-Sporenburg, Amsterdam 1997-99.- “the most compact new housing district in NL”

**Borneo-Sporenburg, Amsterdam 1997-99.-
“the most compact new housing district in NL”**





snimio: prof.Miščević, 2006.



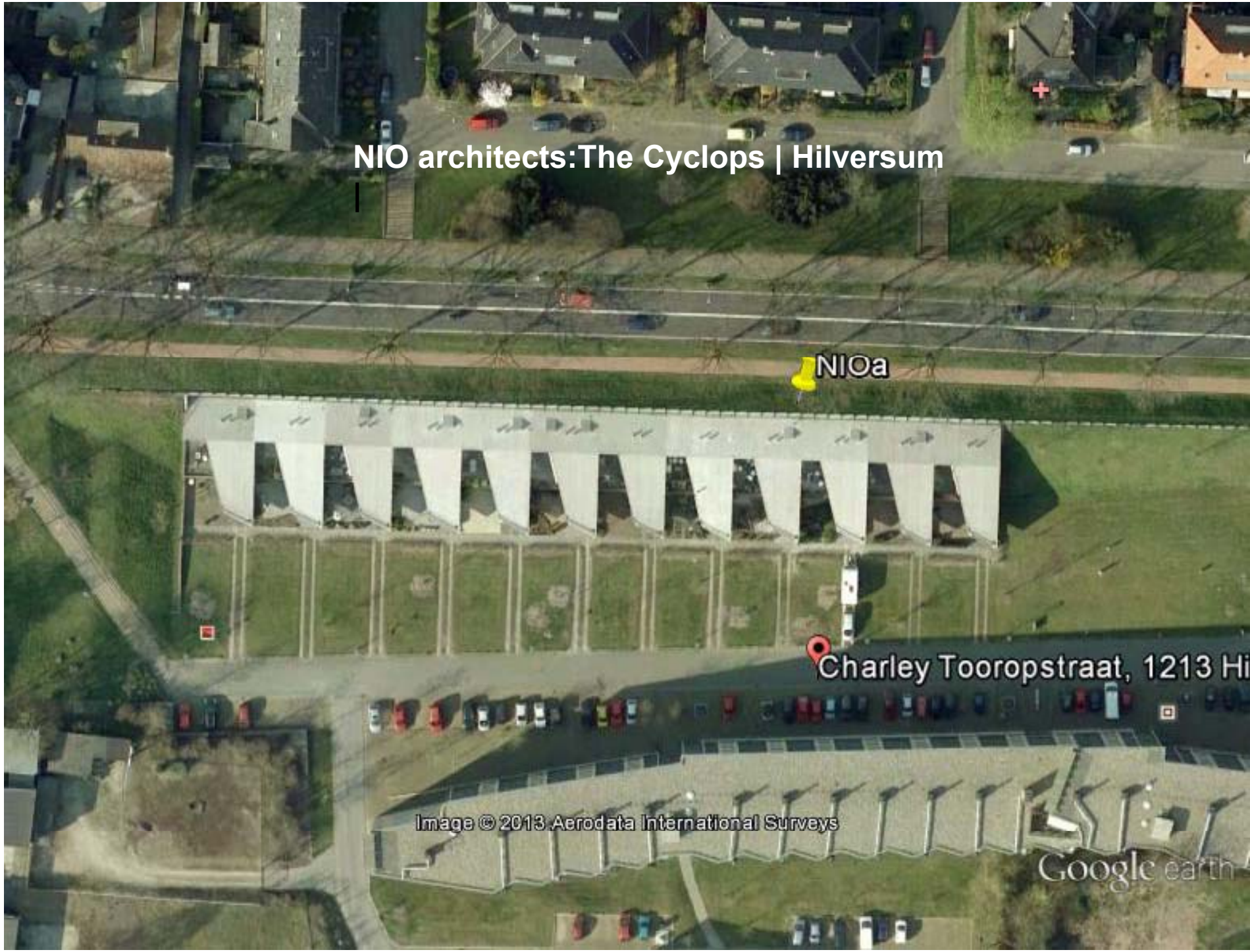
NIO architects: The Cyclops | Hilversum

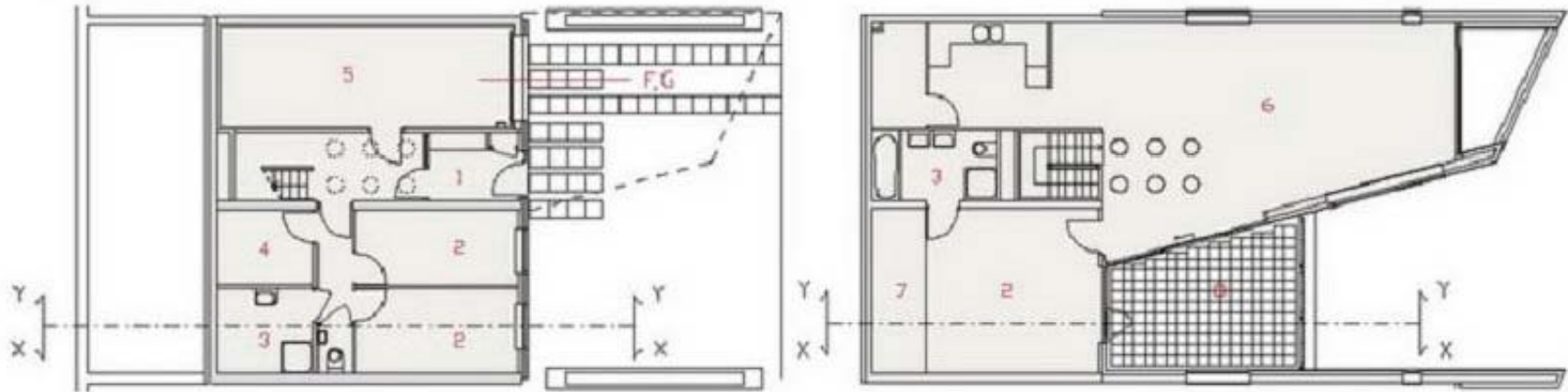
NIOa

Charley Tooropstraat, 1213 Hi

Image © 2013 Aerodata International Surveys

Google earth





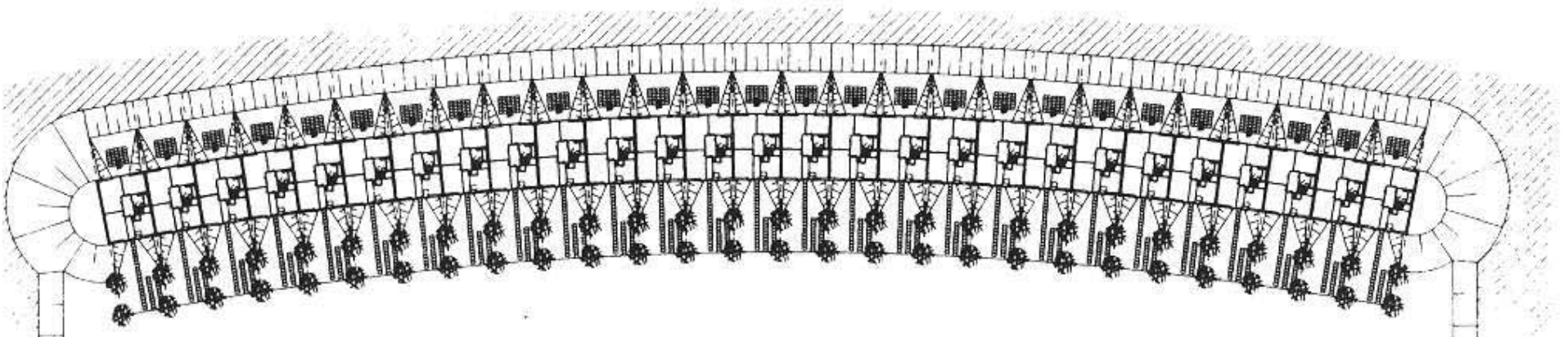
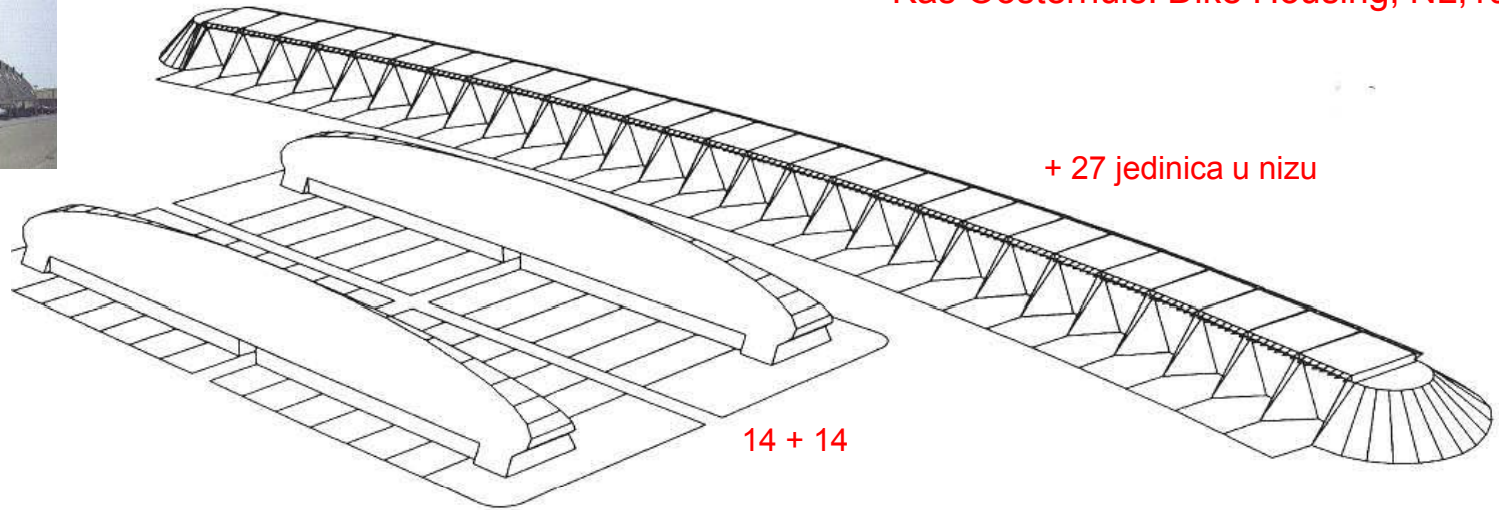
PLAN
 1- E
 2- C
 3- B
 4- P



GARAGE
 LIVING ROOM & KITCHEN
 WALK-IN CLOSET
 TERRACE

NIO architects: The Cyclops | Hilversum

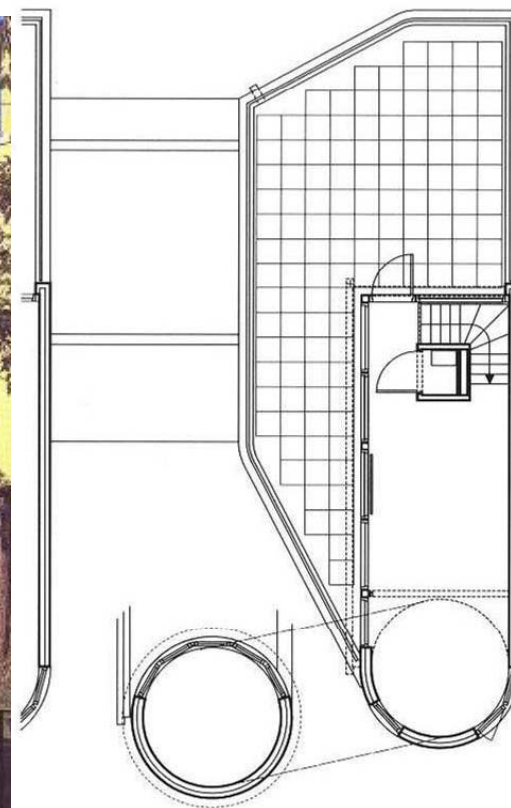
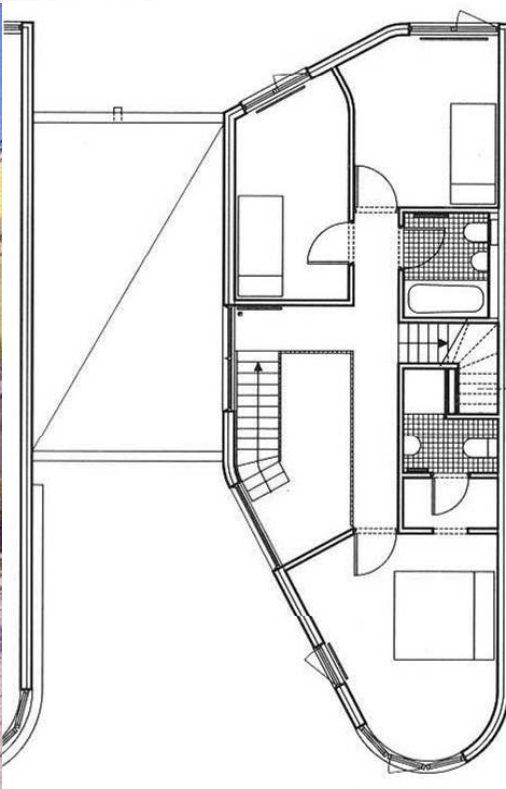
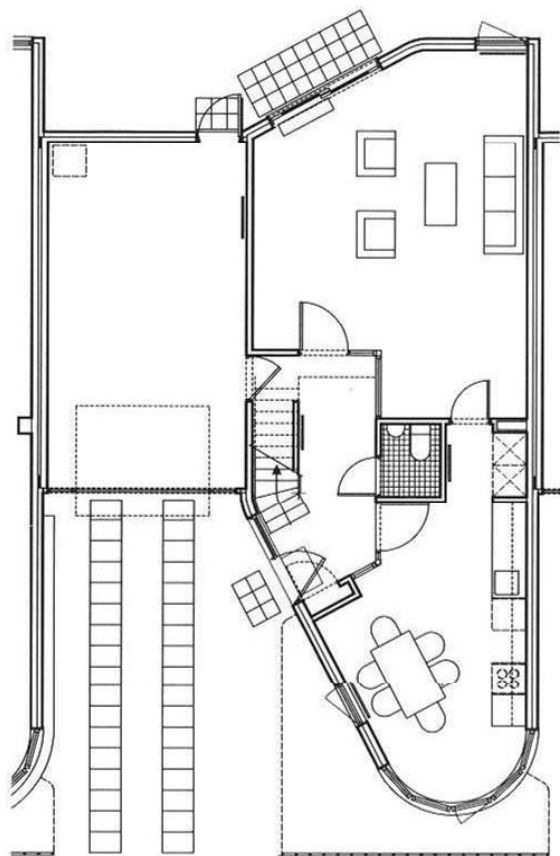
Kas Oosterhuis: Dike Housing, NL, 1995.



Wicham van Eyck: "Rainbow Neighborhood", **Aimere**, 2002.



nizovi kuća- (povezane samo garažama)



niz slobodnostojećih jednakih kuća



Almere

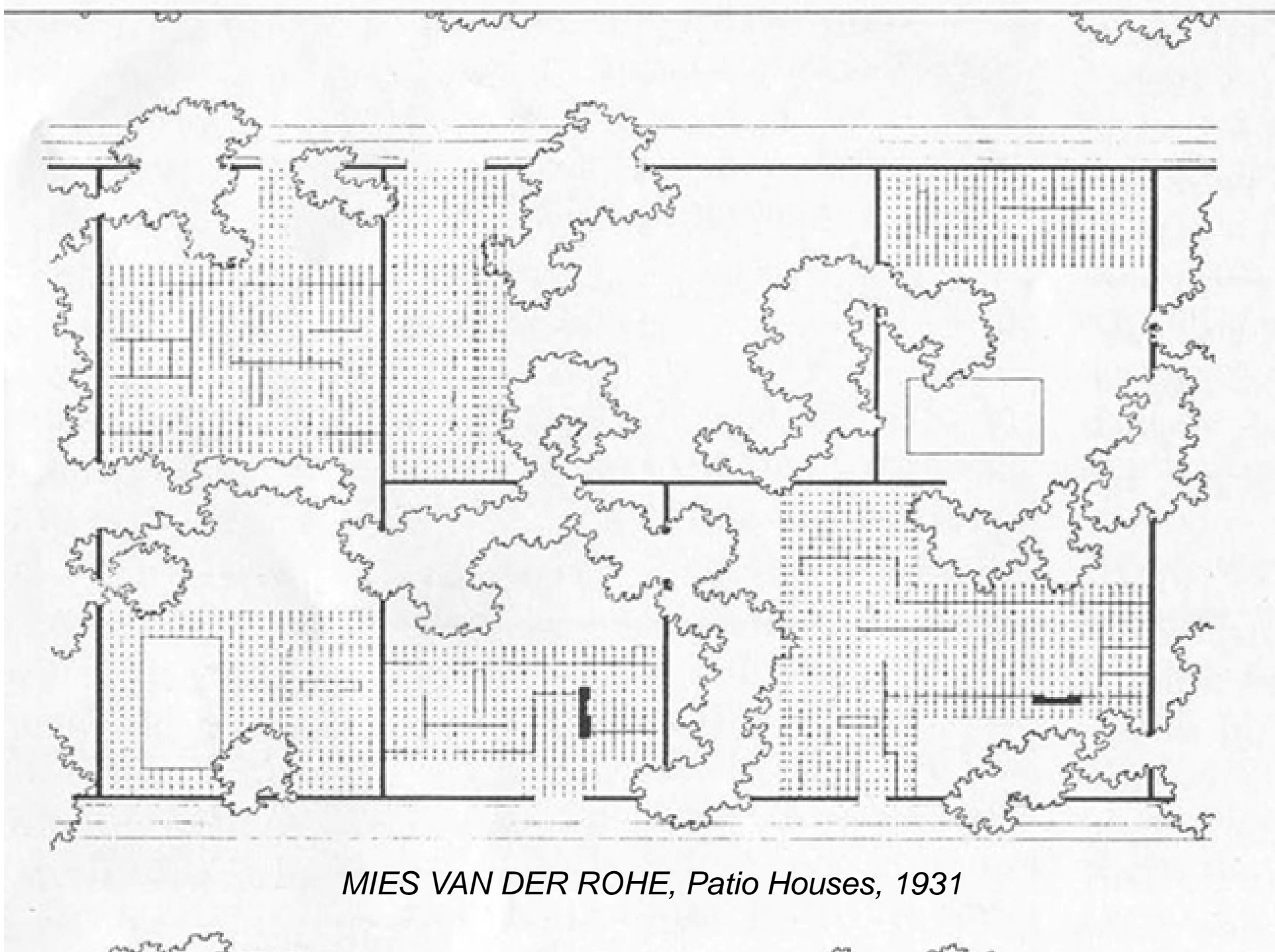
niz slobodnostojećih istih kuća



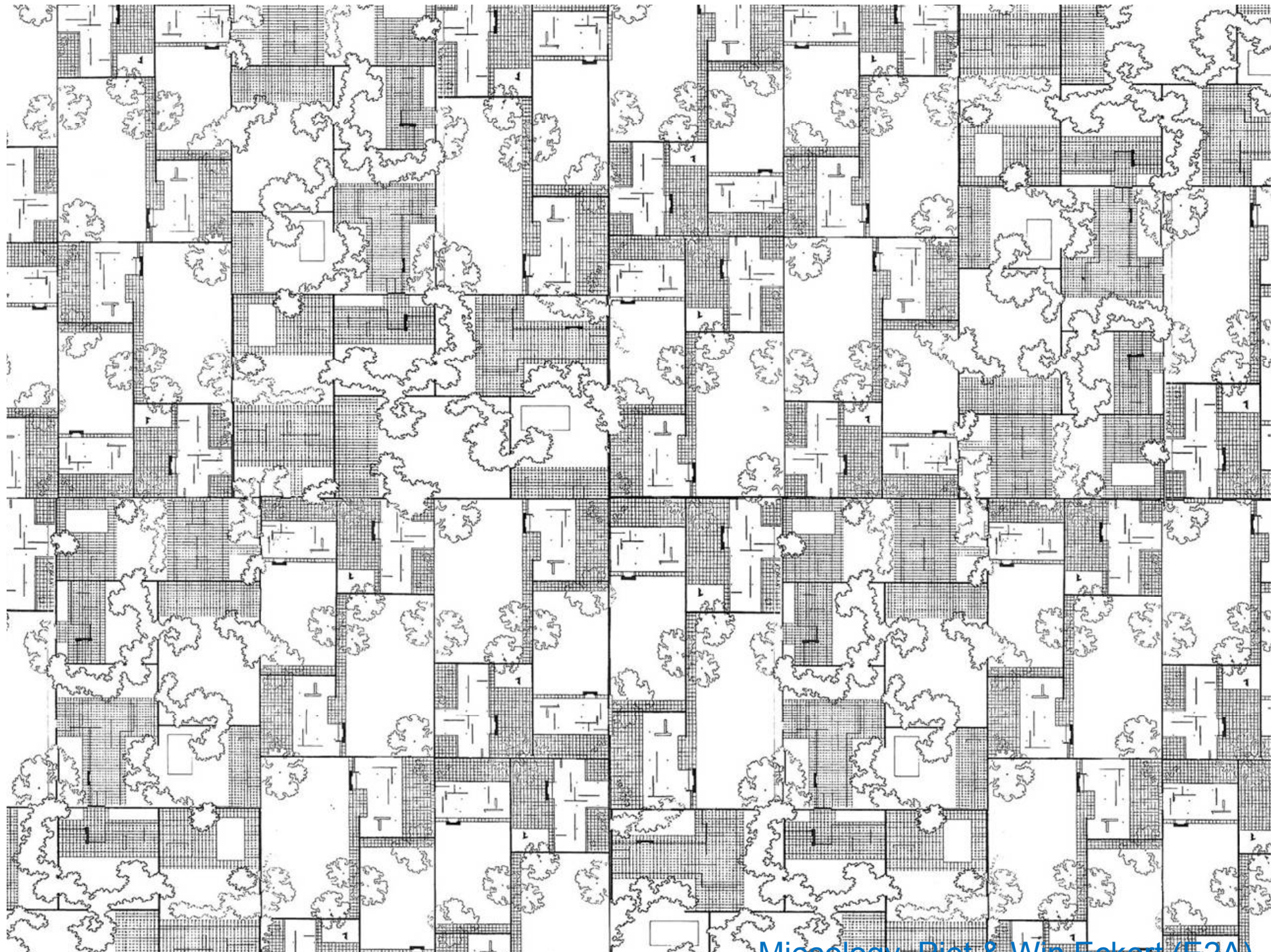
48 water villas, **Almere**, realized 2001

URBAN CARPET-TEPIH IZGRADNJA



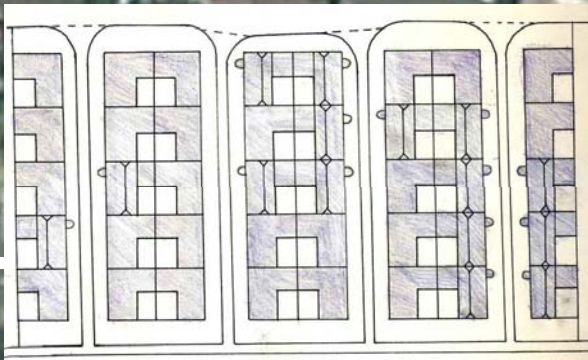


MIES VAN DER ROHE, Patio Houses, 1931

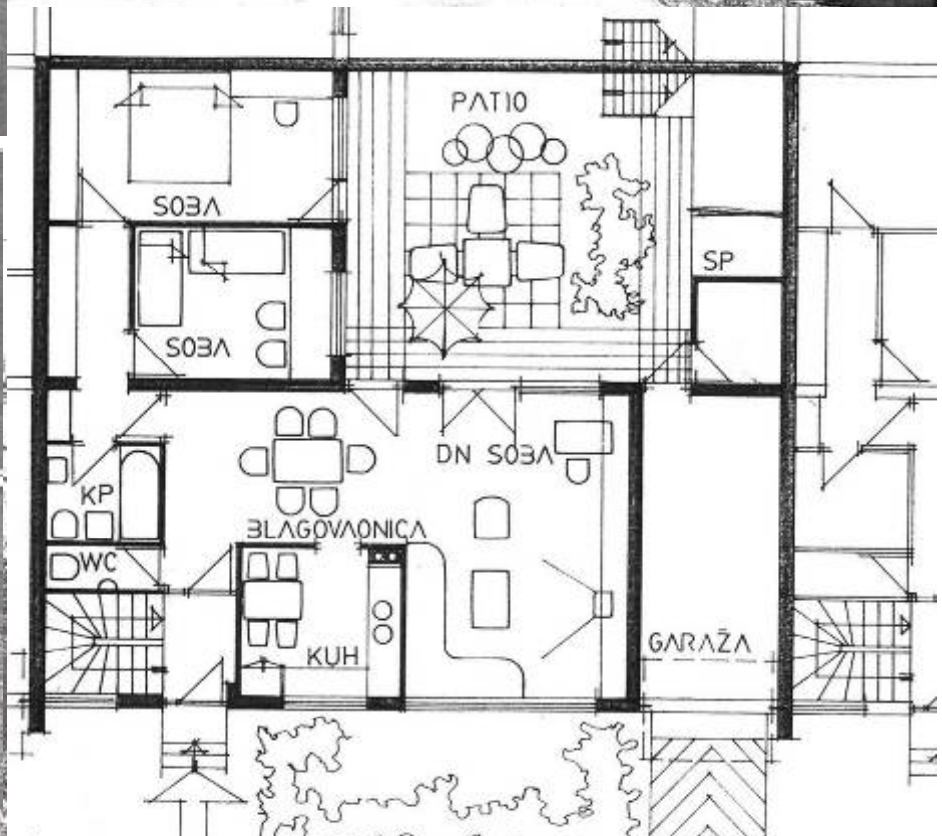
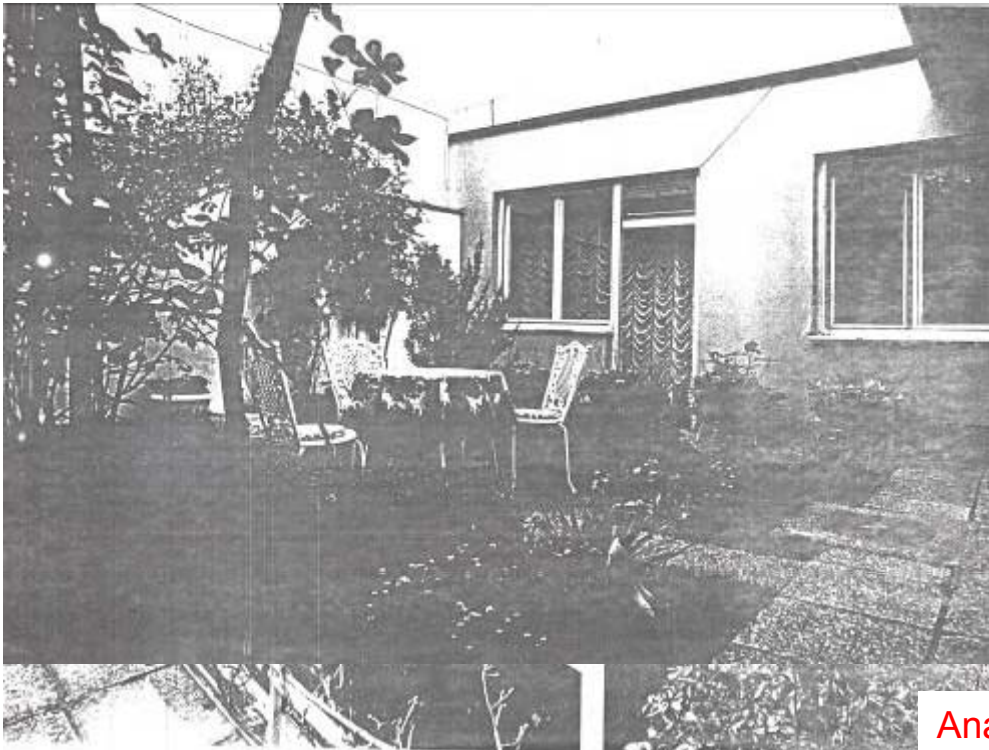
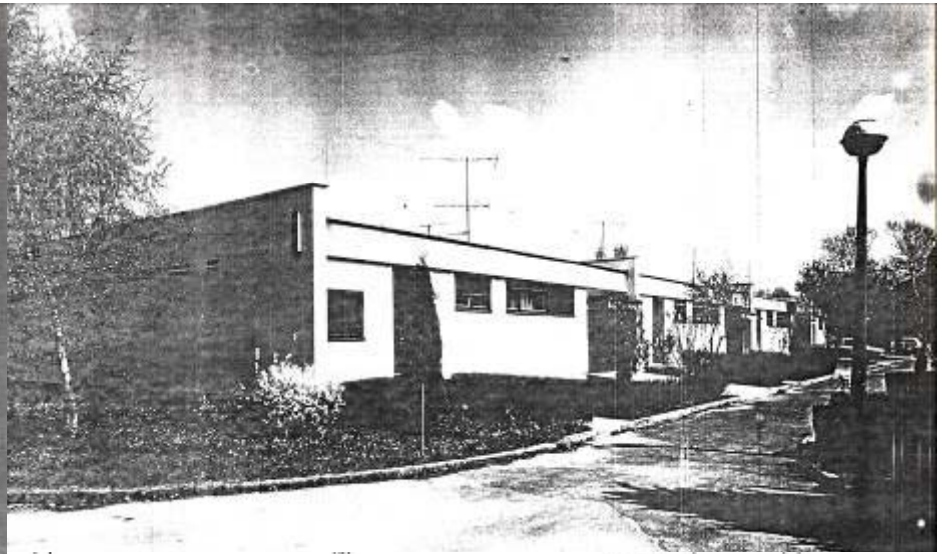
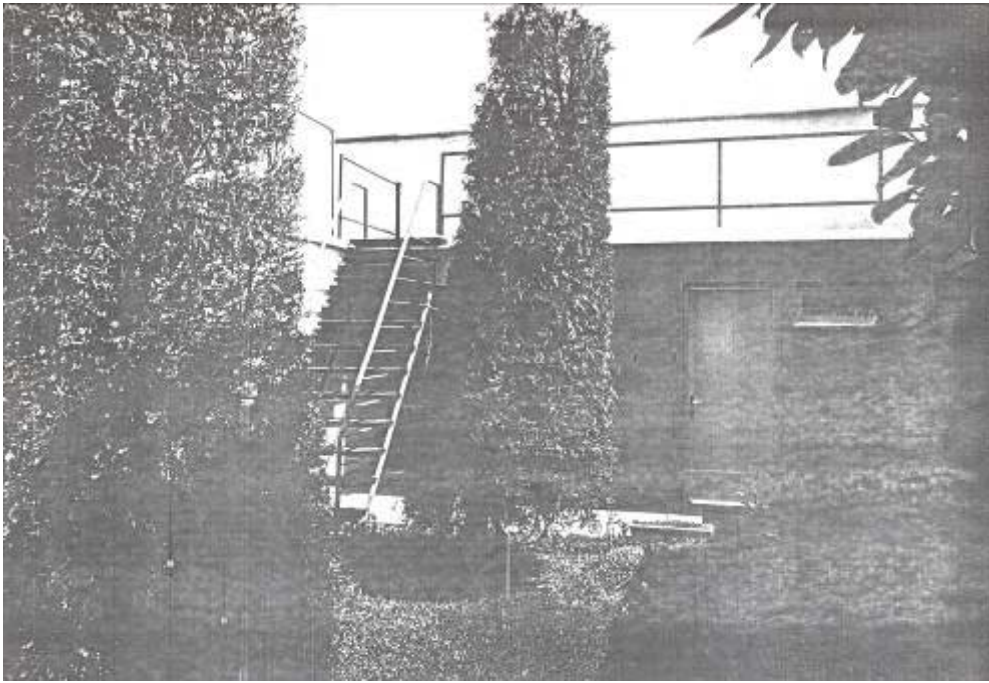


Ana-Marija Semenčić-Jelinčić: Atrijski nizovi, Siget, 1970te

S - - - - -



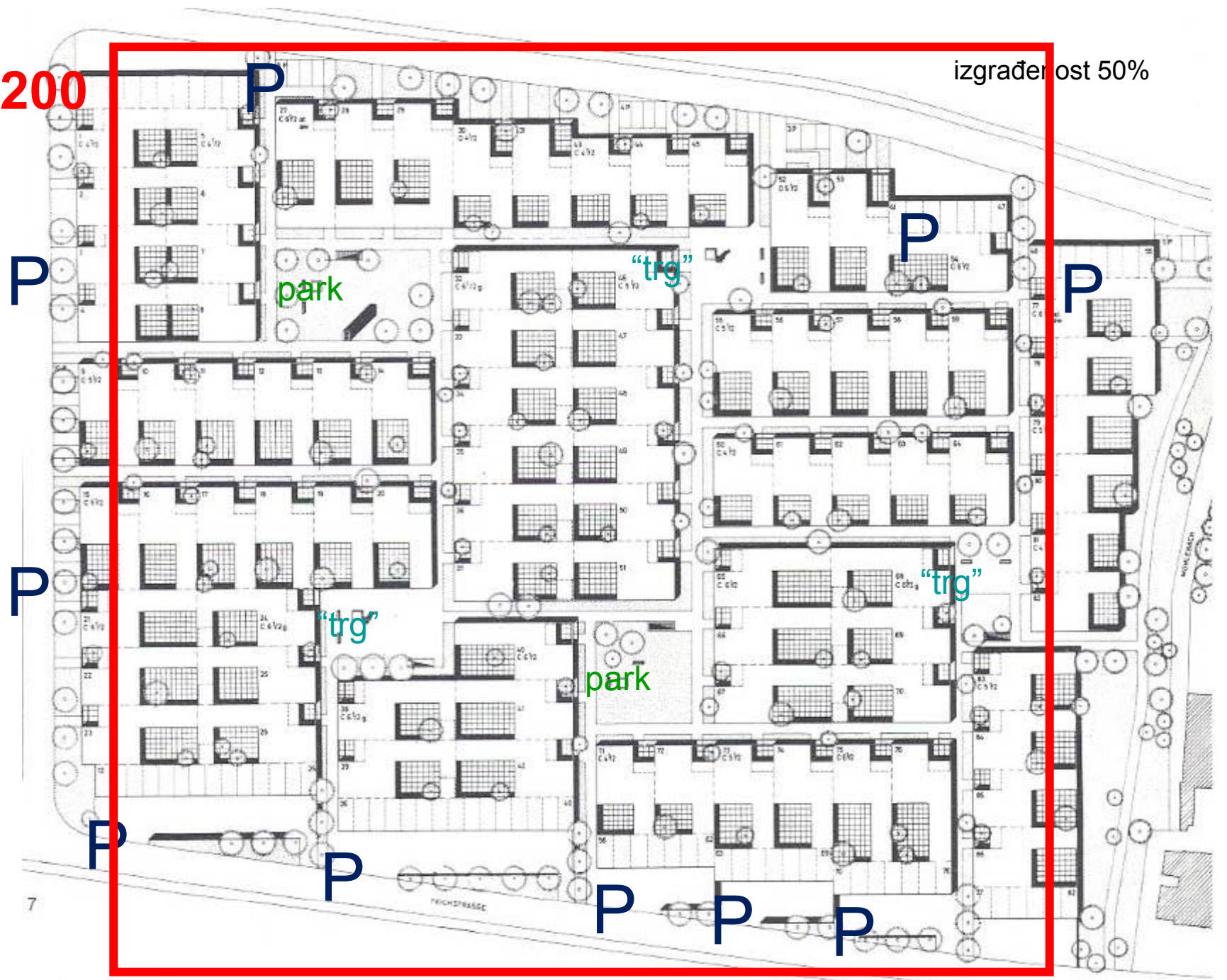
Google earth



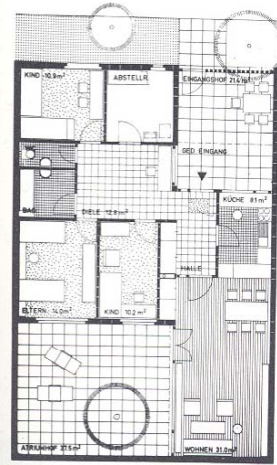
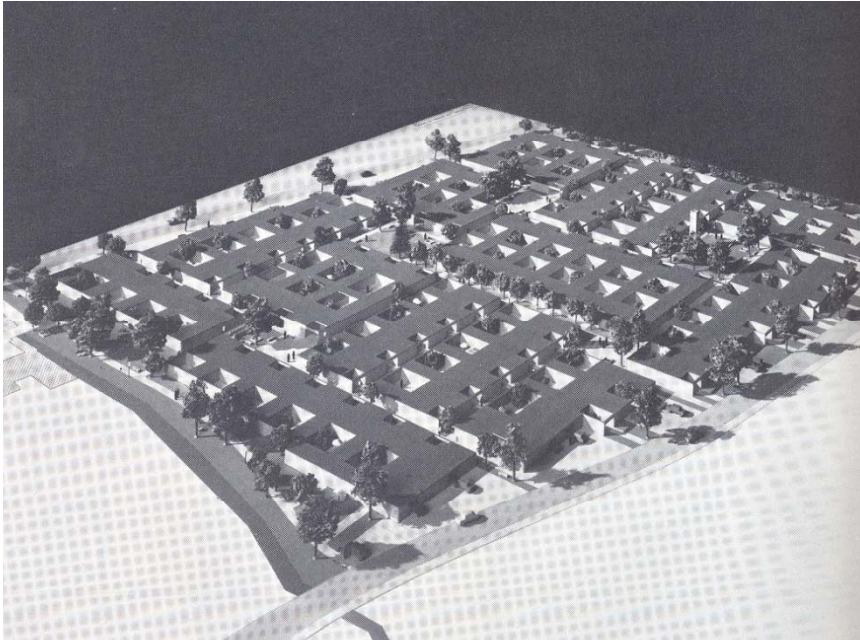
Ana-Marija Semenčić-Jelinčić: Atrijski nizovi, Siget, 1970te

200/200

izgrađenost 50%



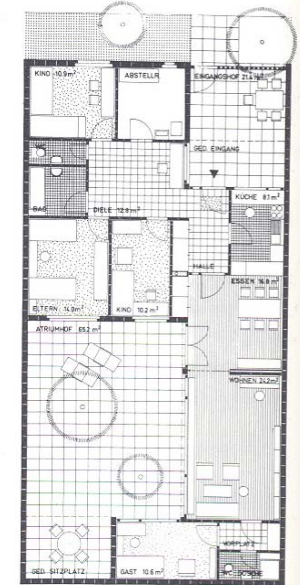
Siedlung "Muhleboden", Terwill, Basel-CH, 1967-70.



6

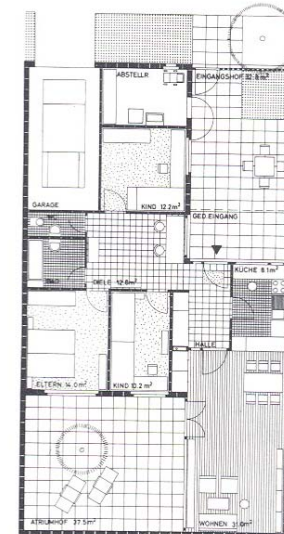
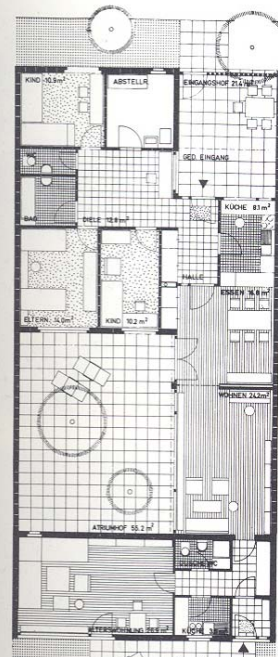
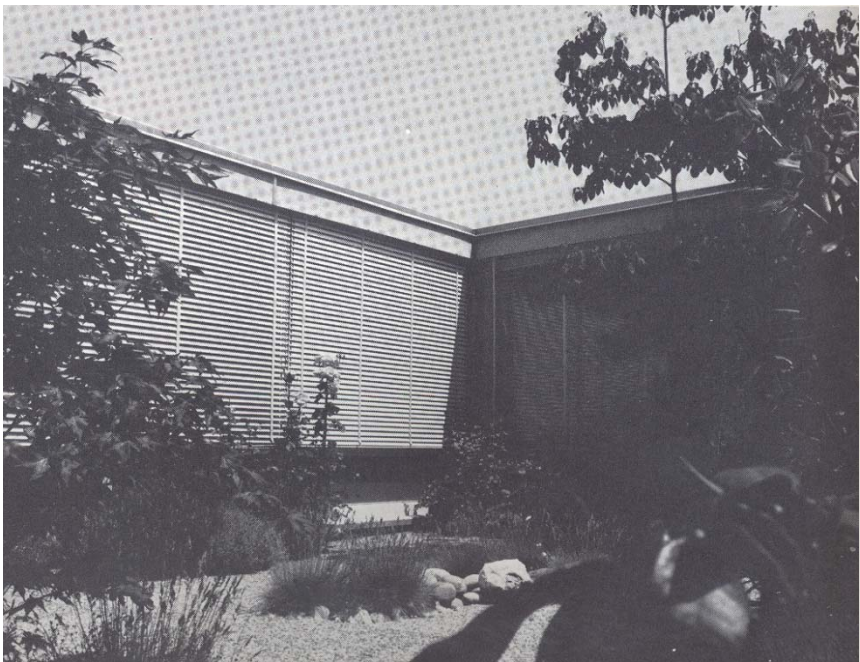


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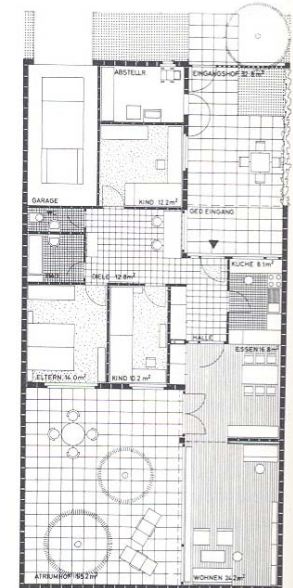


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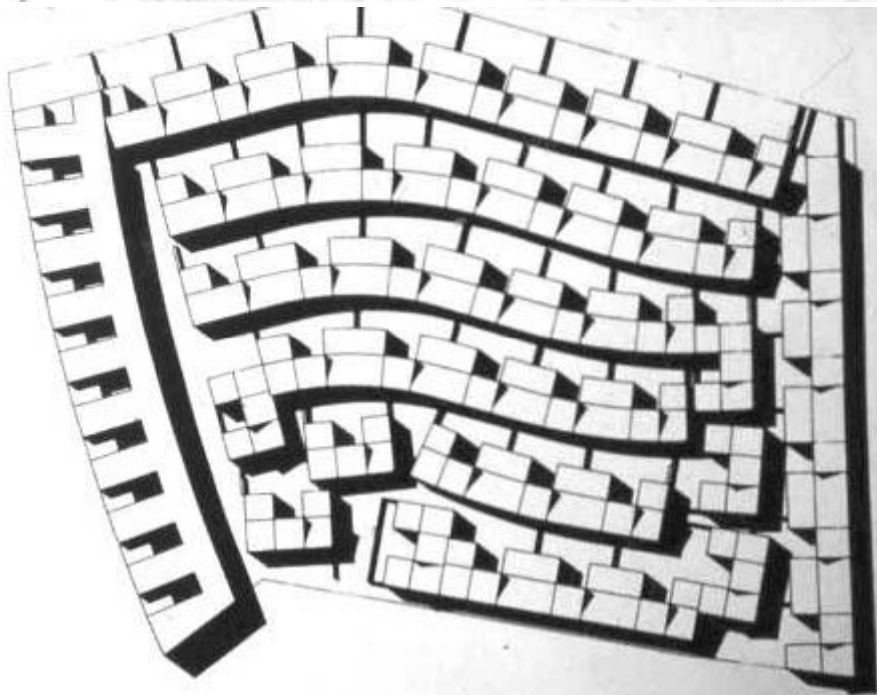
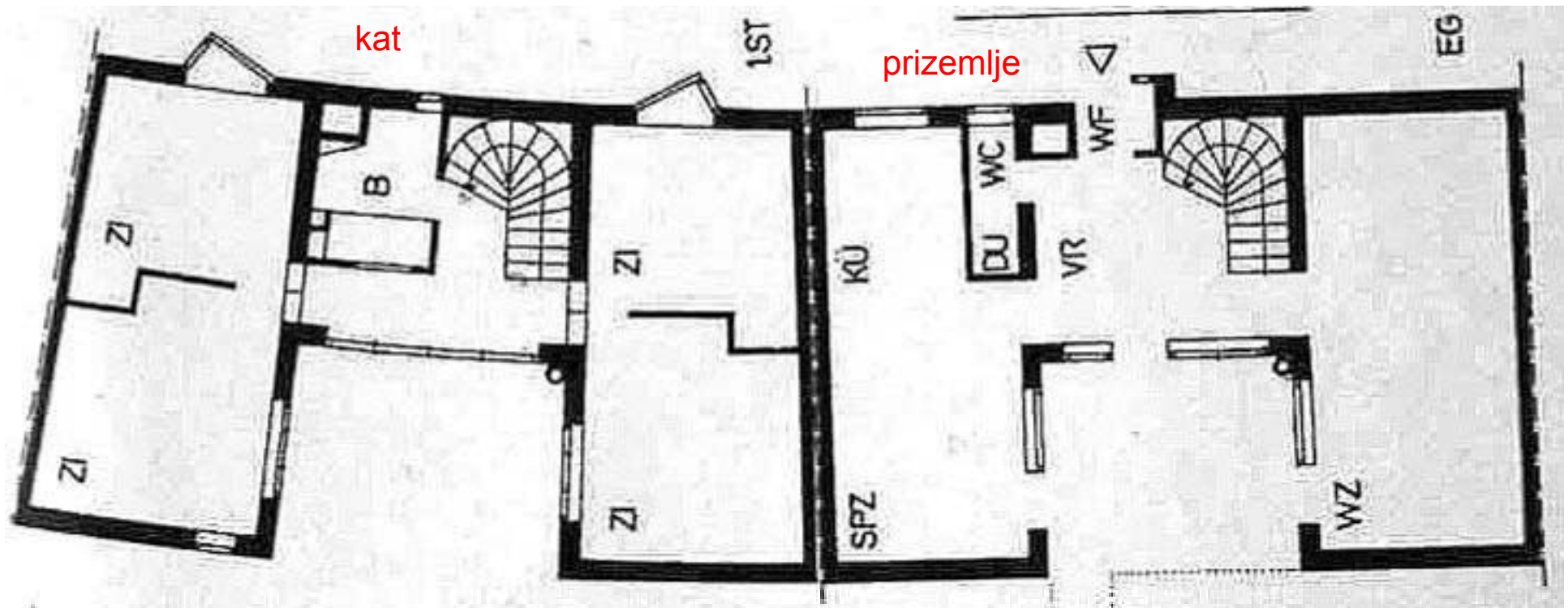
Atriumsiedlung "Muhleboden", Terwill, Basel-CH, 1967-70.



10



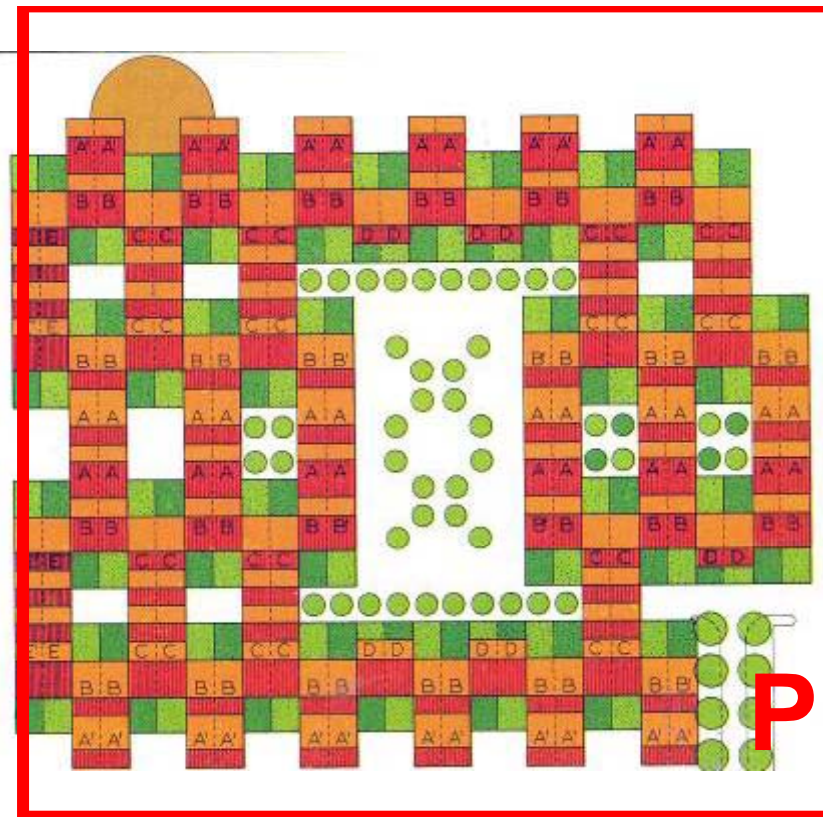
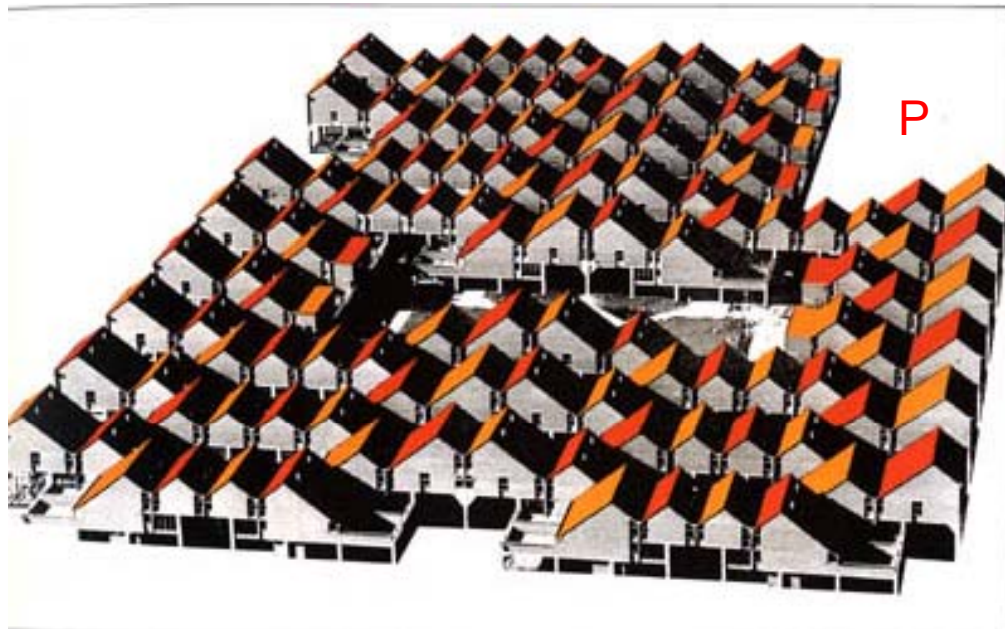
11



Siedlung-Traviata, Wien

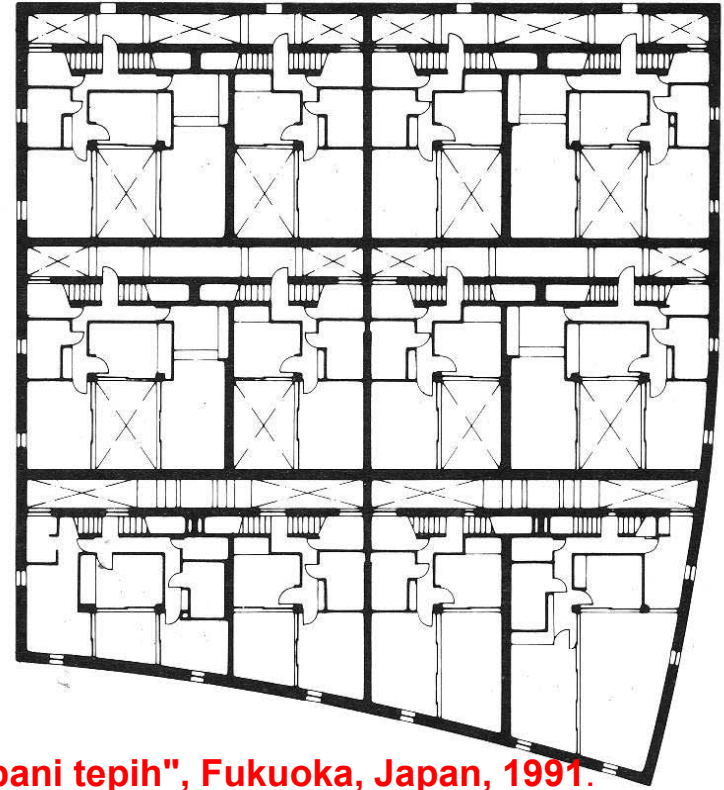
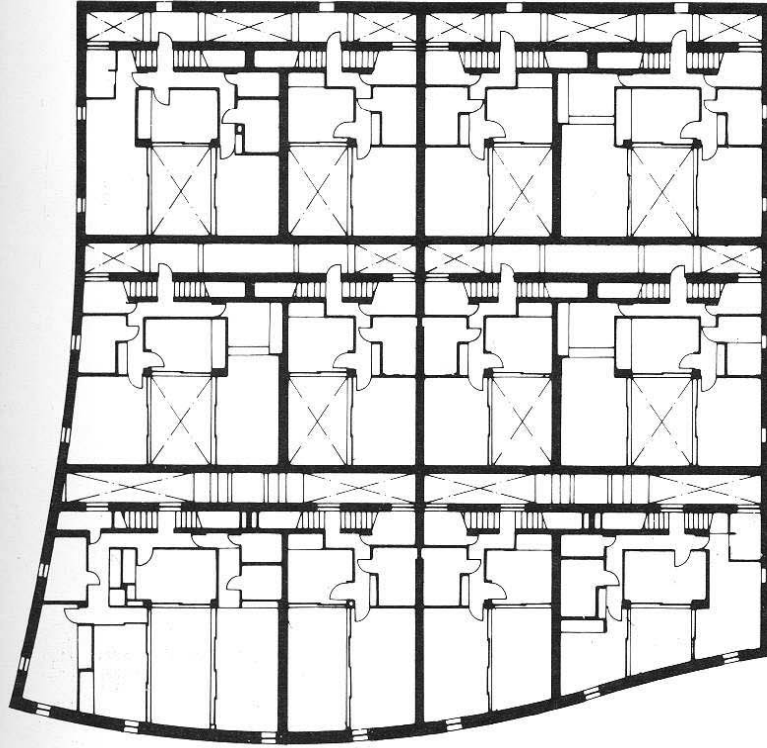
Piet Blom:KASBAH, Hengelo - NL,1972

200/200



24 stambene jedinice

Planta segunda
Second floor plan



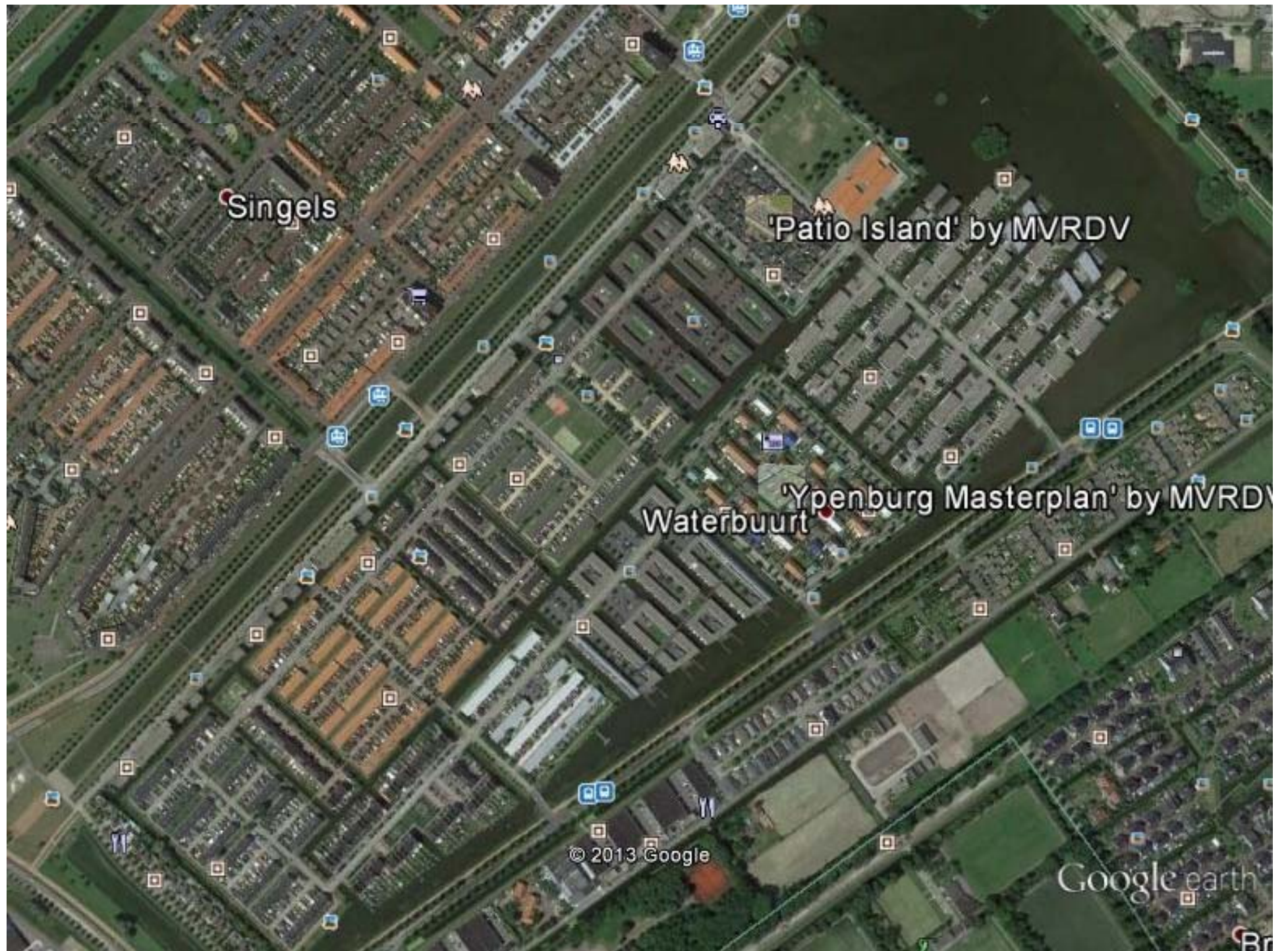
Rem Koolhaas: Nexus World Housing "urbani tepih", Fukuoka, Japan, 1991.





Rem Koolhaas: Nexus World Housing "urbani tepih", Fukuoka, Japan, 1991.

comp: Le Corbusier: University Quarter



Singels

'Patio Island' by MVRDV

Waterbuurt 'Ypenburg Masterplan' by MVRDV

© 2013 Google

Google earth

Br

HAAG

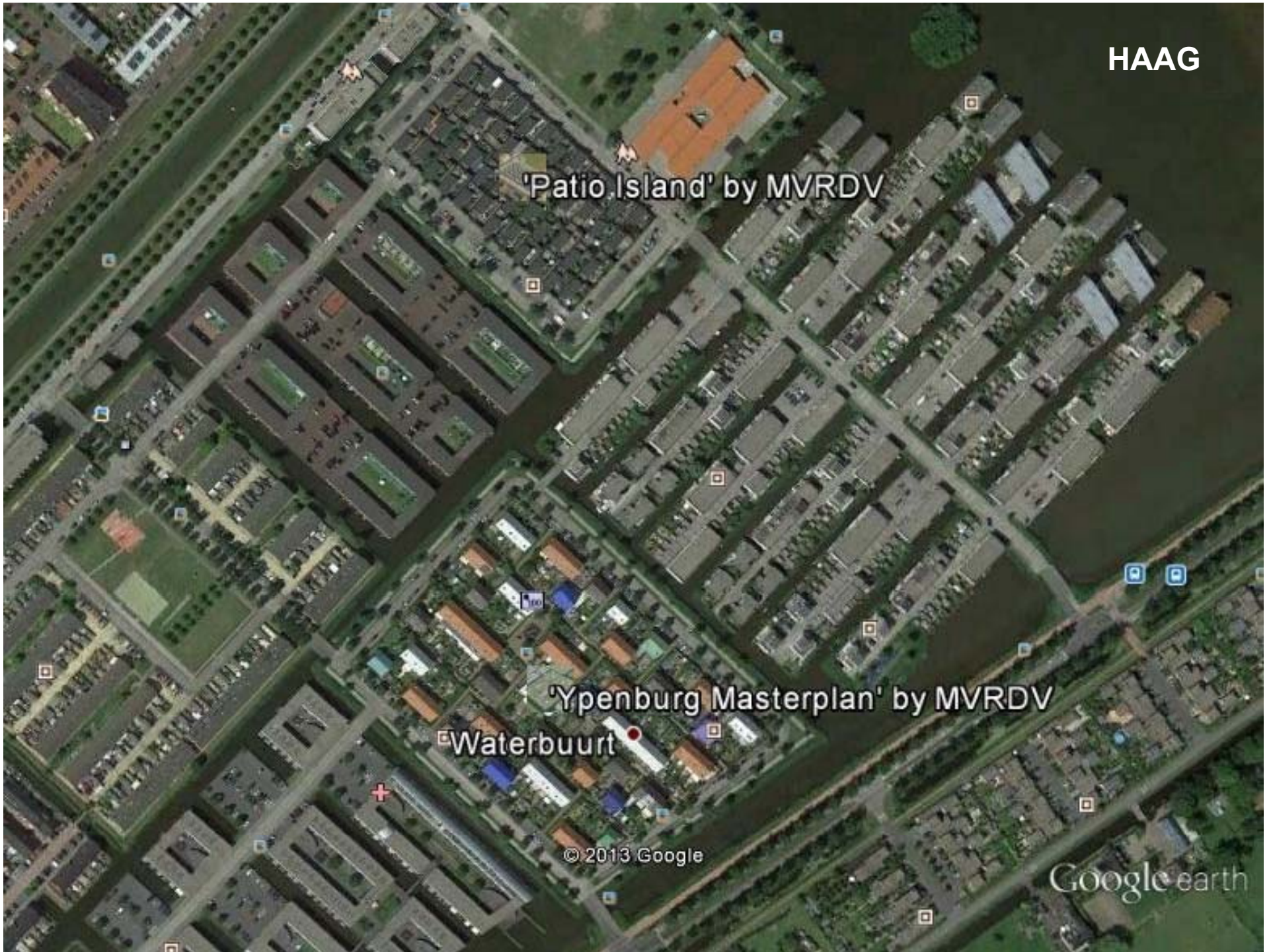
'Patio Island' by MVRDV

'Ypenburg Masterplan' by MVRDV

Waterbuurt

© 2013 Google

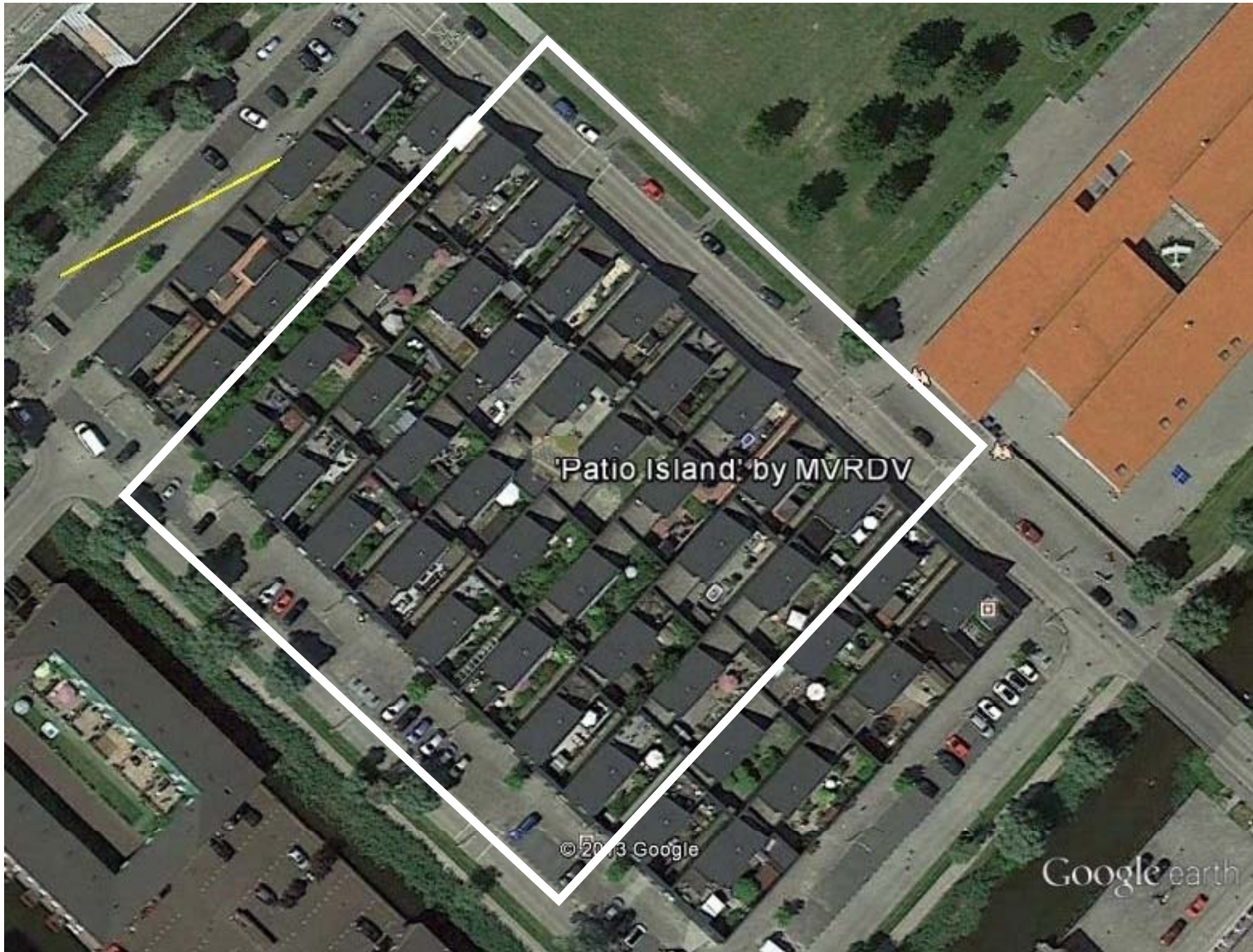
Google earth



* MVRDV: Patio Island



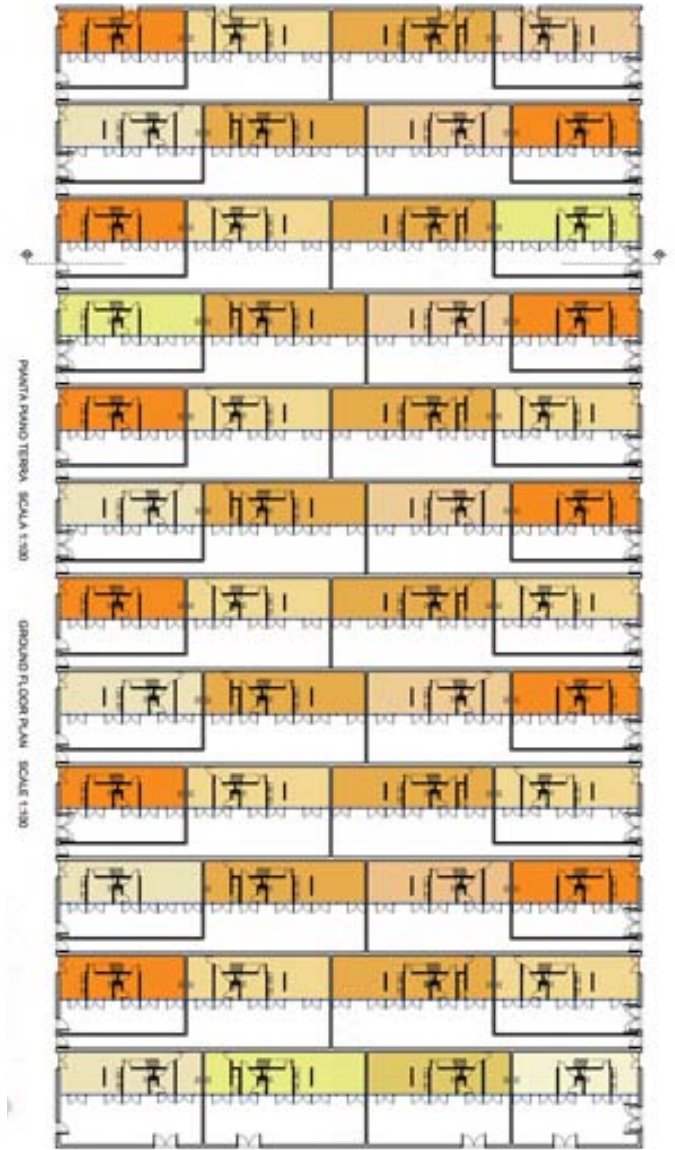
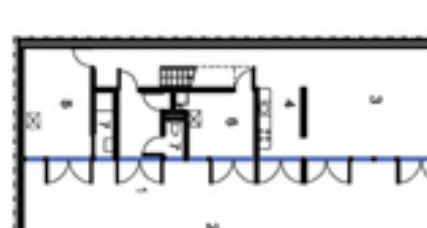
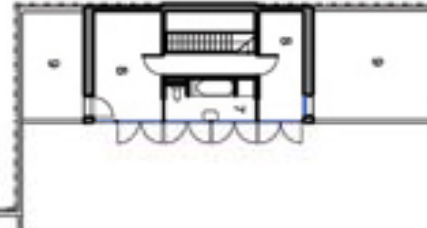
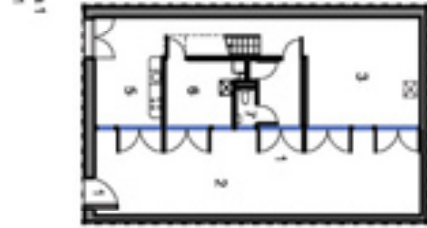
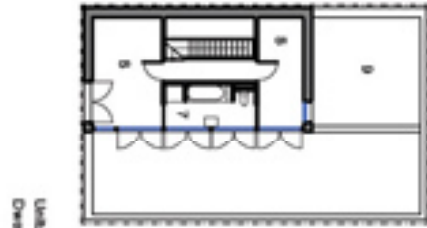
**MVRDV: Hagen Island



'Patio Island' by MVRDV

© 2013 Google

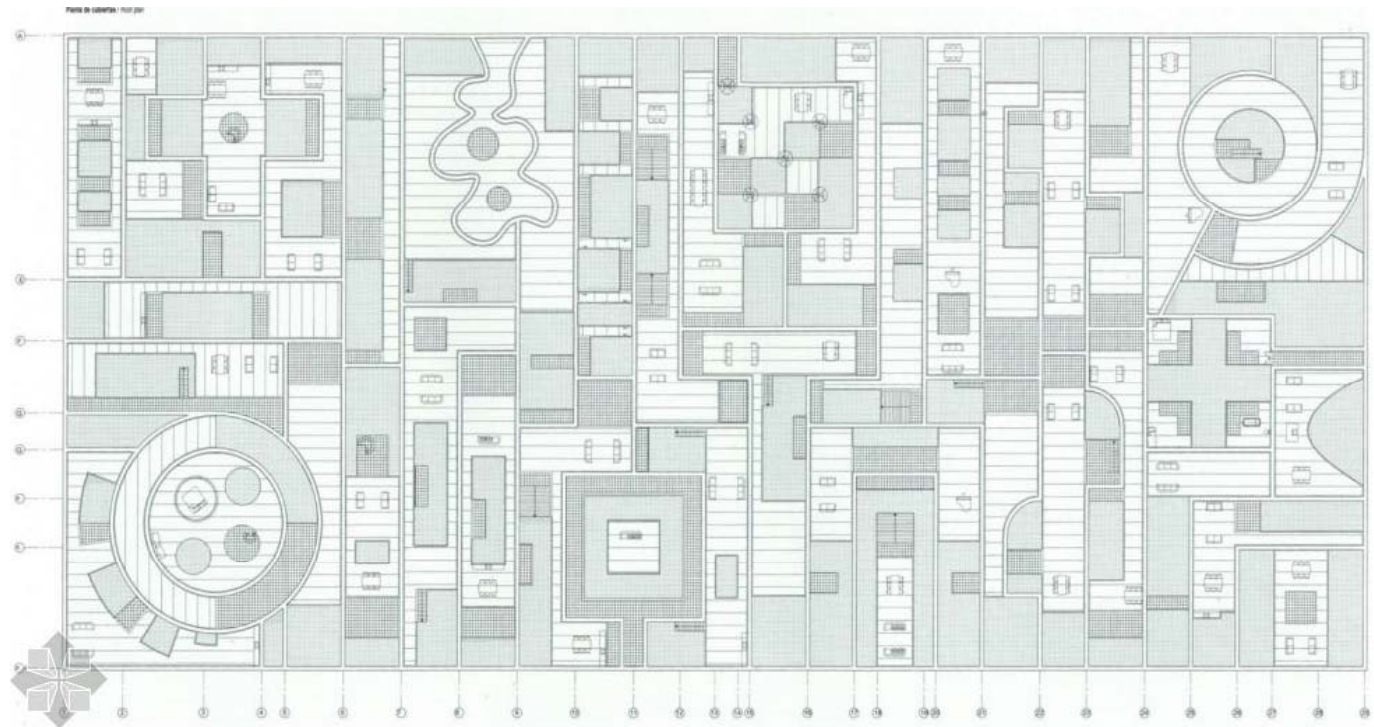
Google earth

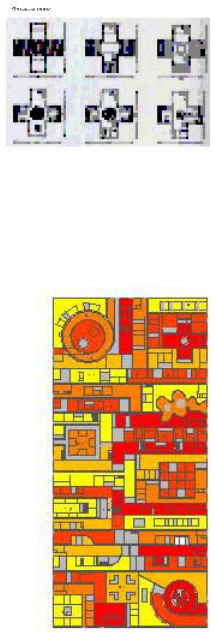
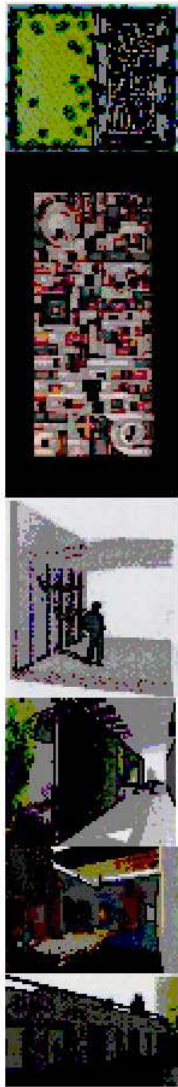


Location : **Ypenburg**, The
 Year : 2001-2005
 Program : 48 family houses

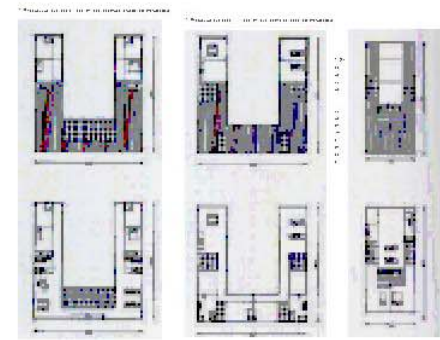
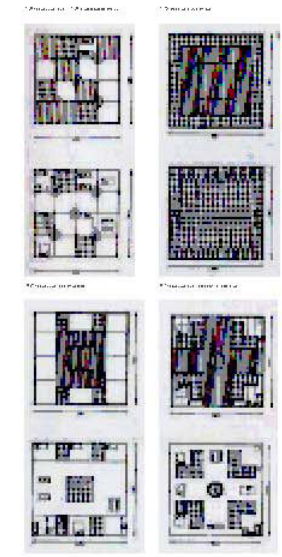
1 ha + (4 ulice naokolo)
 comp: Le Corbusier: University Quarter

MVRDV



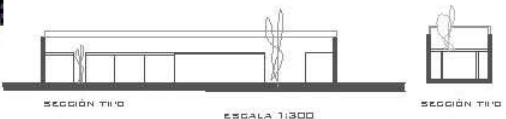
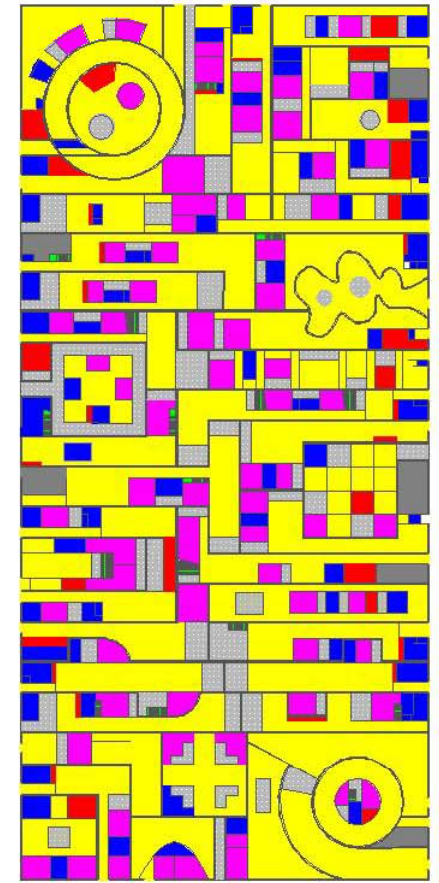


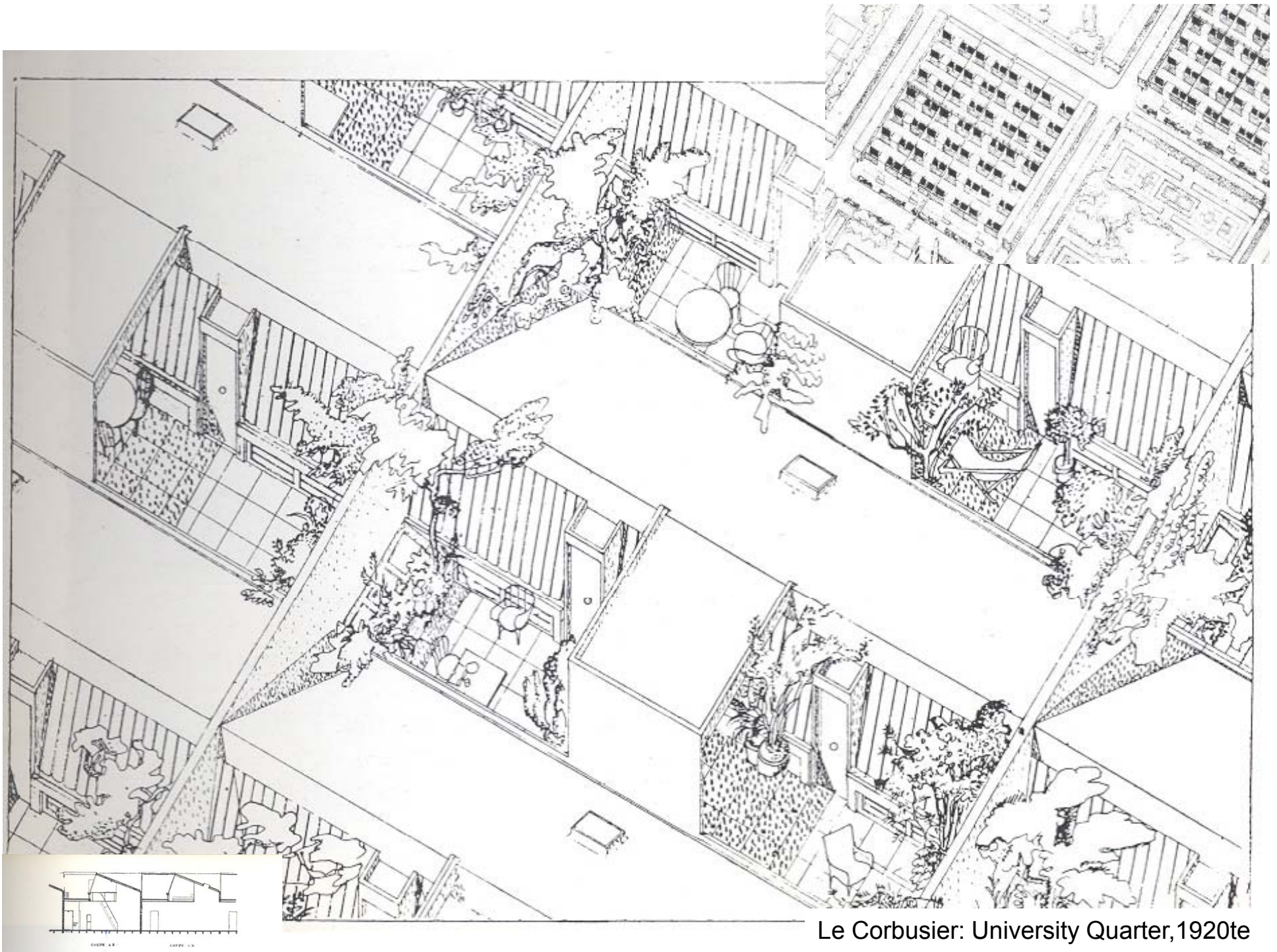
TIPOS DE VIVIENDA



- zona muy conectada
- zona
- vivienda
- estacion
- park
- biblioteca
- plaza

ESQUEMA DE USOS





Le Corbusier: University Quarter, 1920s



MVRDV
Hague District
The Hague, the Netherlands 2001

MVRDV

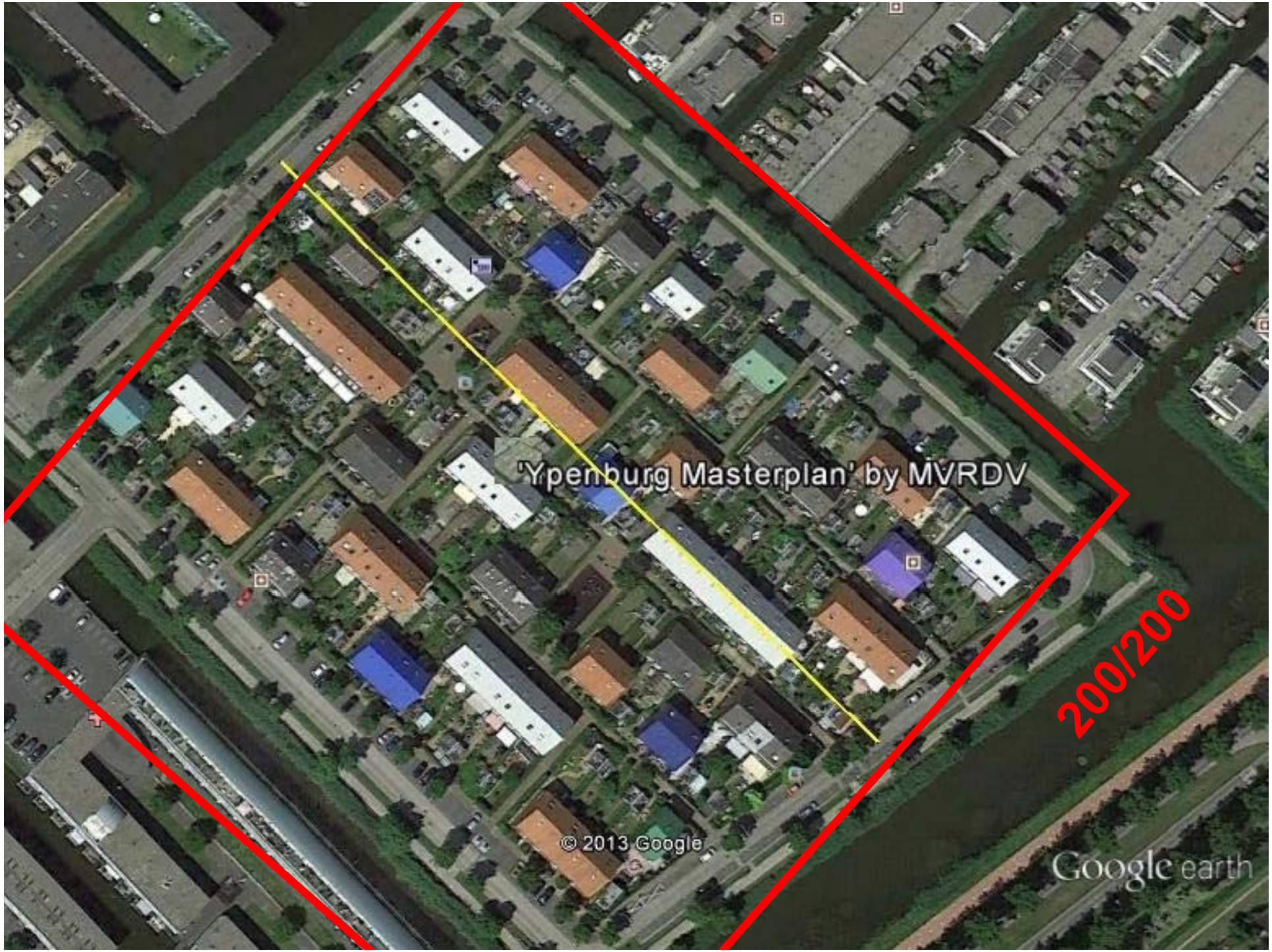
: Hagen Island

建築師事務所
Architecture and Urbanism
18.03

496

Features:
Architecture in the Netherlands
2000-2011

MVRDV
Hague District
The Hague, the Netherlands

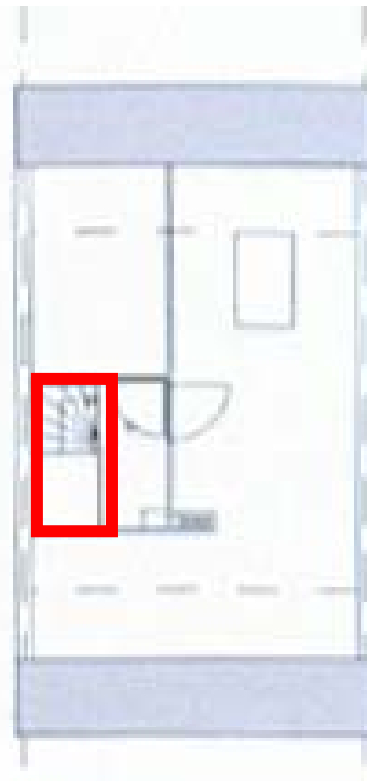
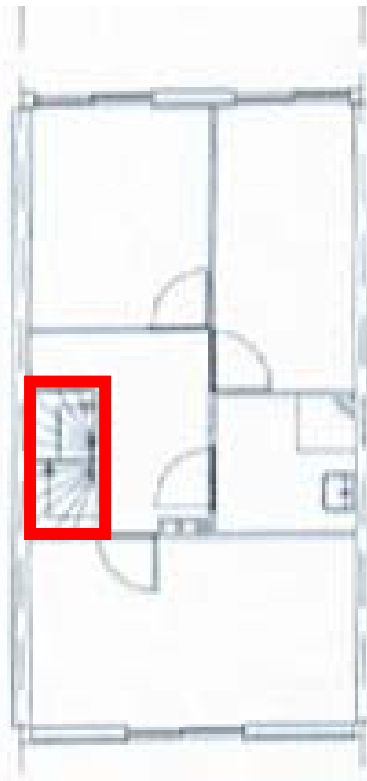


'Ypenburg Masterplan' by MVRDV

200/200

© 2013 Google

Google earth

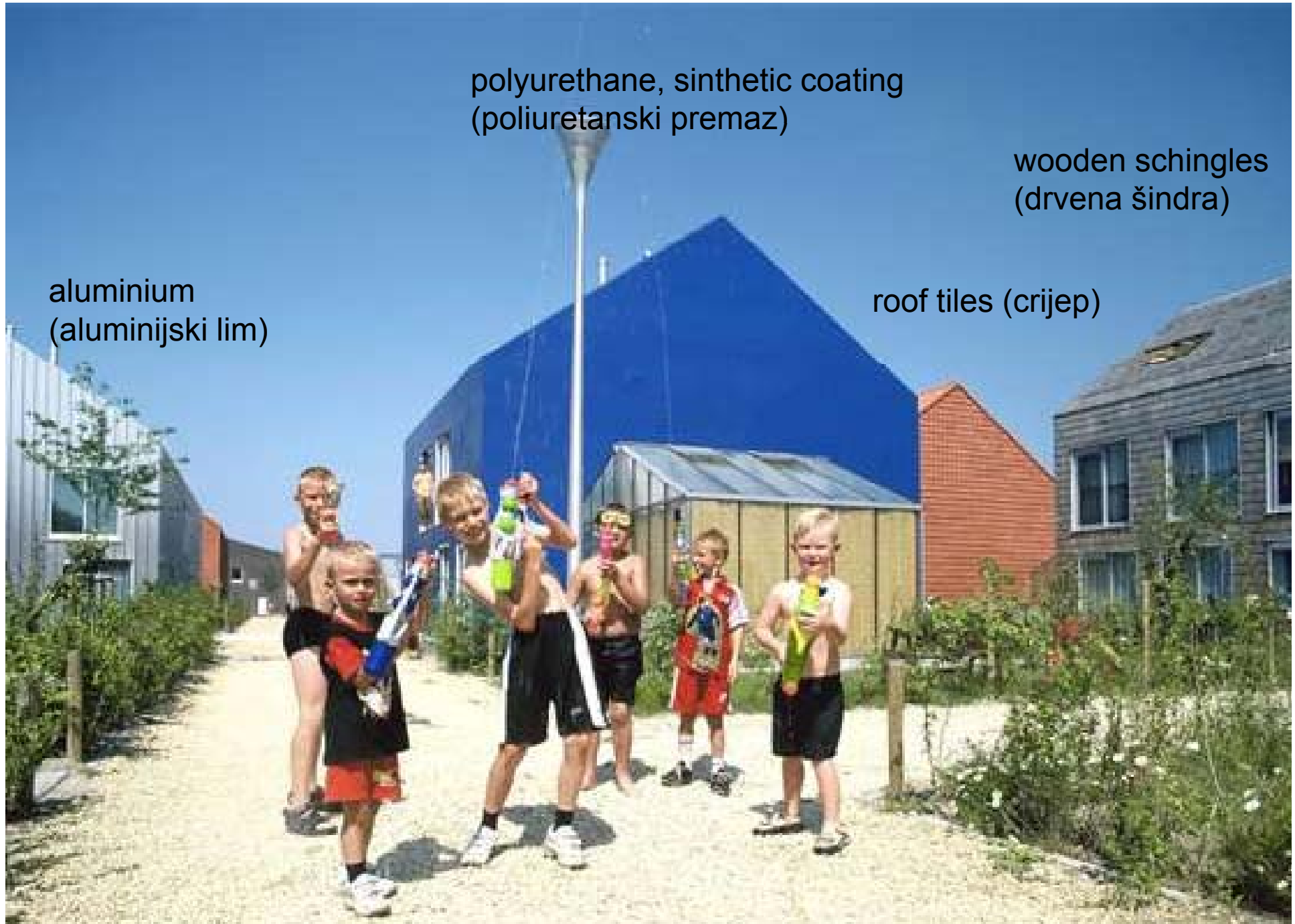


polyurethane, synthetic coating
(poliuretanski premaz)

wooden shingles
(drvena šindra)

aluminium
(aluminijski lim)

roof tiles (crijep)



+ corrugated board



Roof tiles

Aluminum

Wooden shingles

Polyurethane (synthetic coating)

Corrugated board





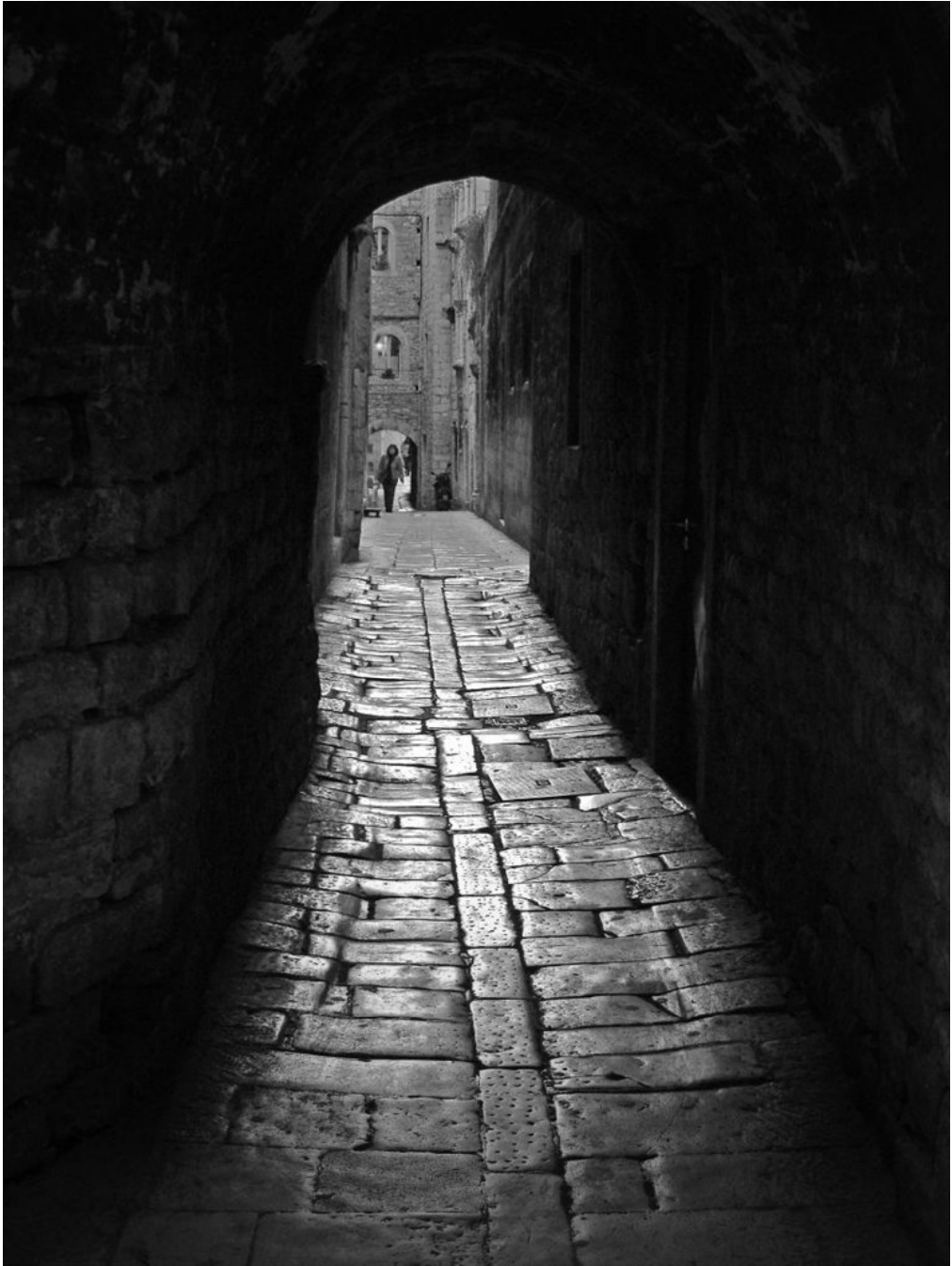


Trogir



Bale



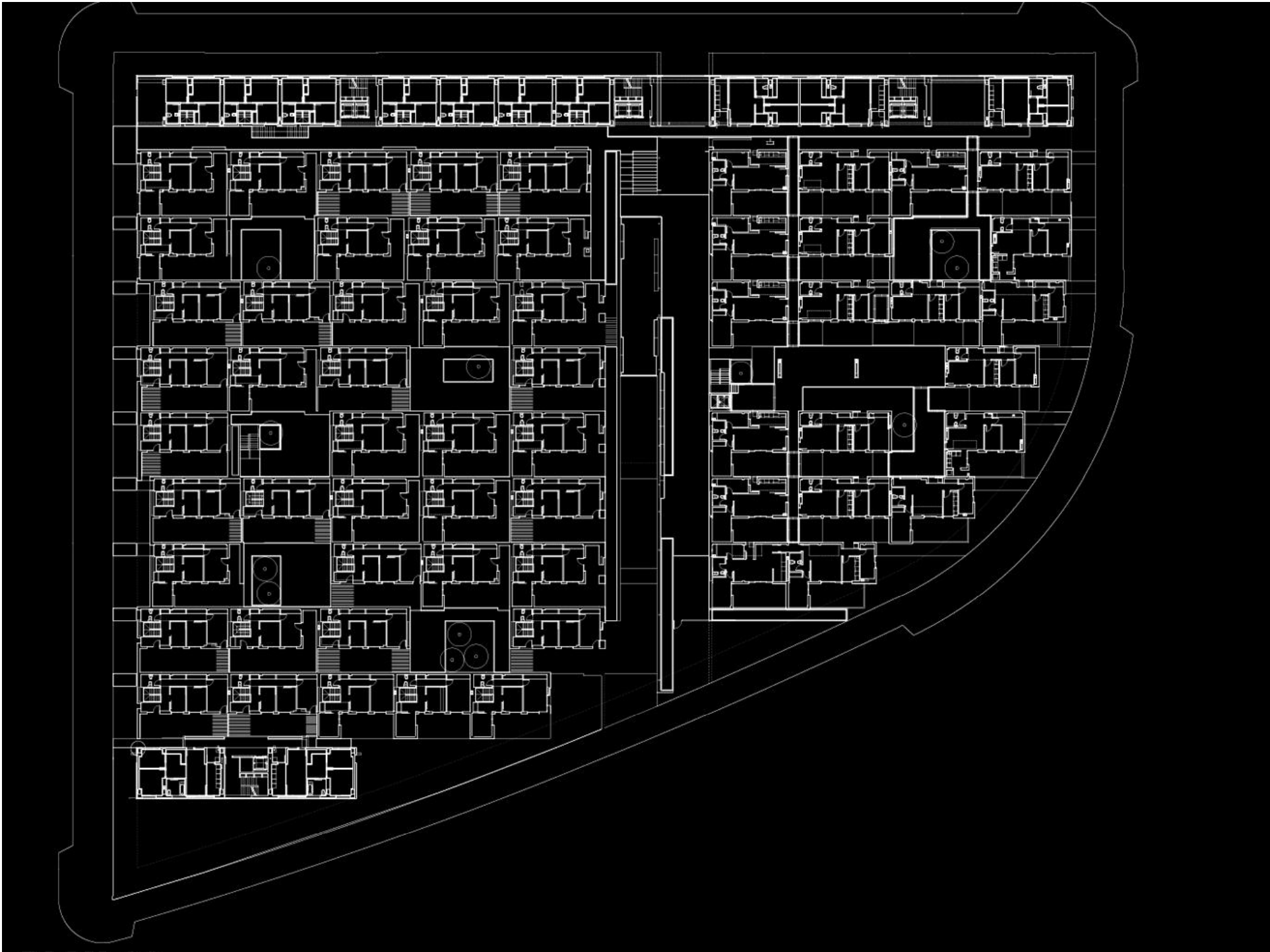






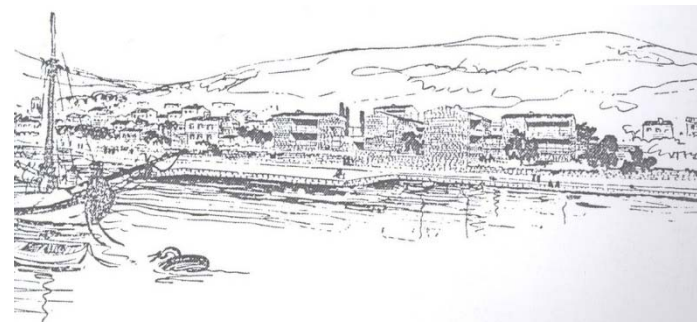


Morphosis: Social Houses, Madrid, Calle de los Morales, 2006.,
P= 1.09 ha, 141 st.jed.









Ivan Vitić: Stambeno naselje na Visu, 1952.



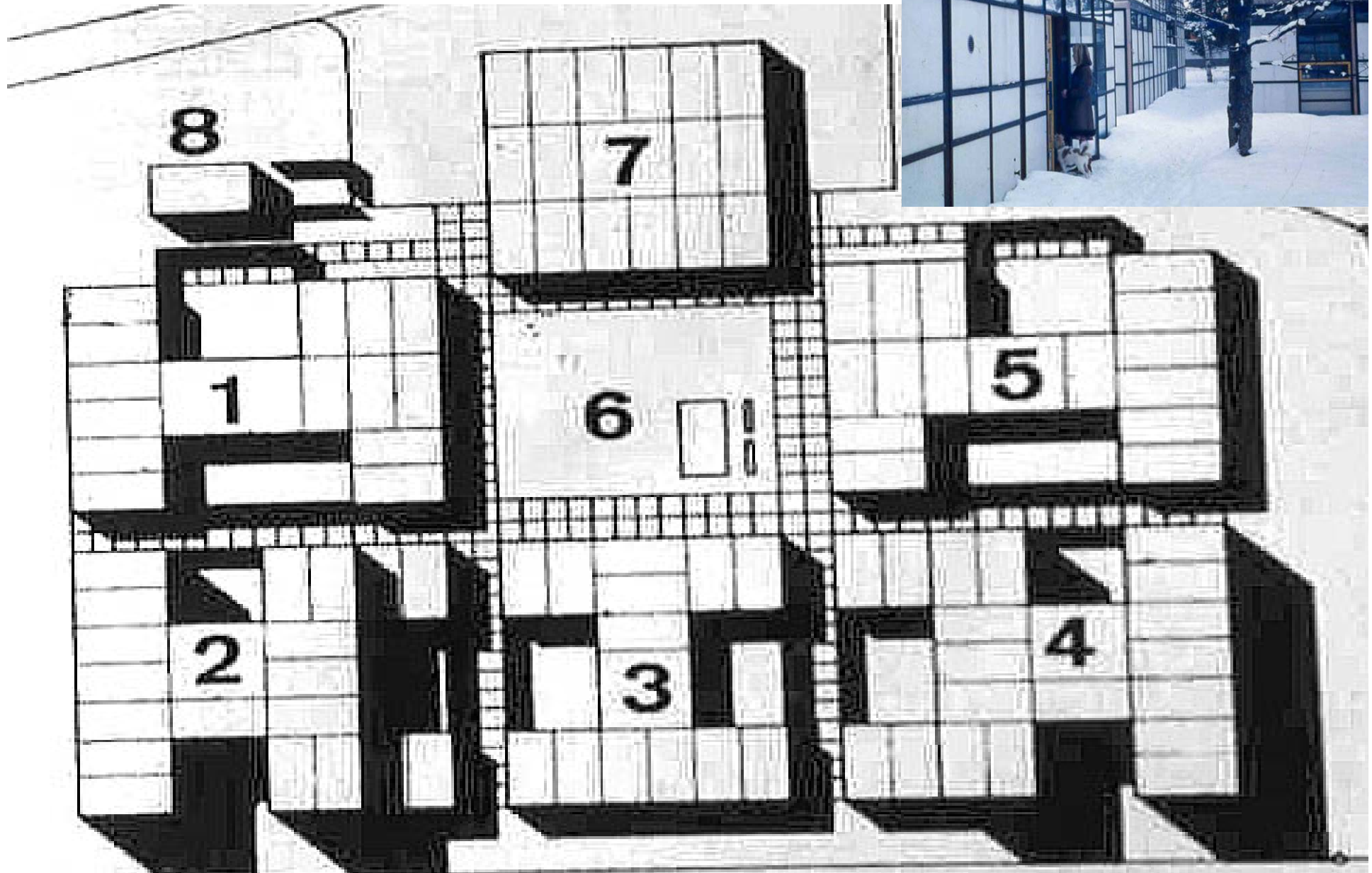
Hrvoje Njirić:
Ruralna prosirka
(Rural Mat)
Markuševac,
Zagreb
2008.

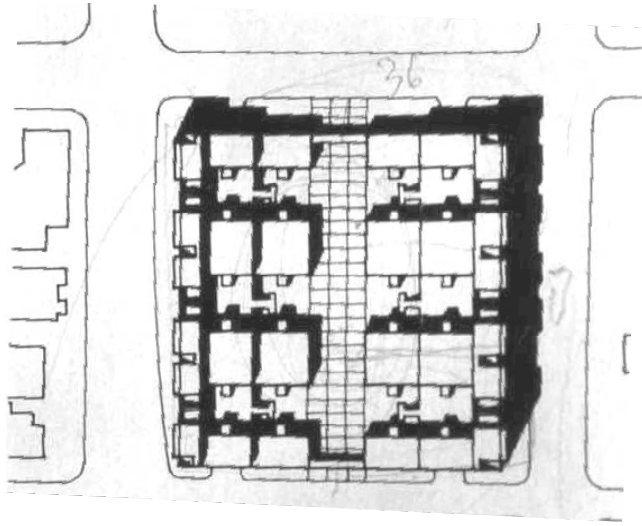




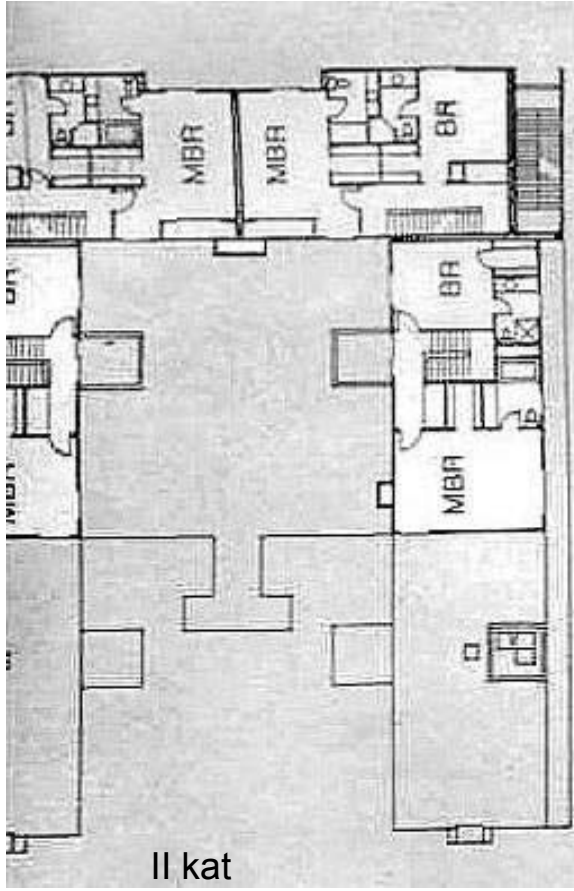
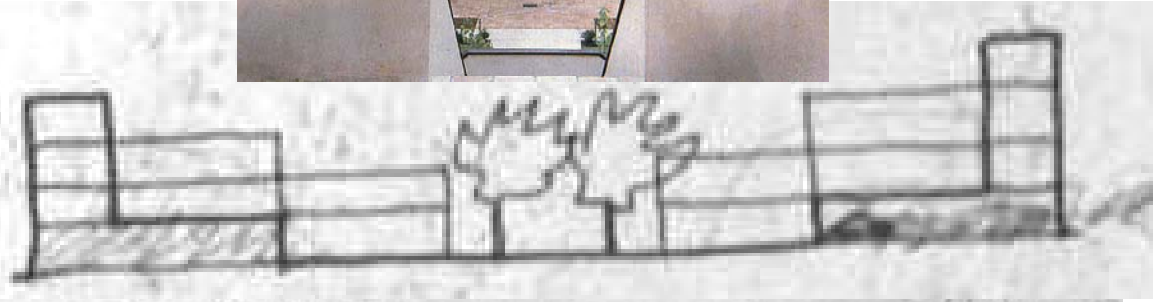
Peter Barber: DONNYBROOK QUARTERS, London, 2005.,
površina =0.3 ha, 40 stambenih jedinica,

DOMINO-sistem, Helsinki

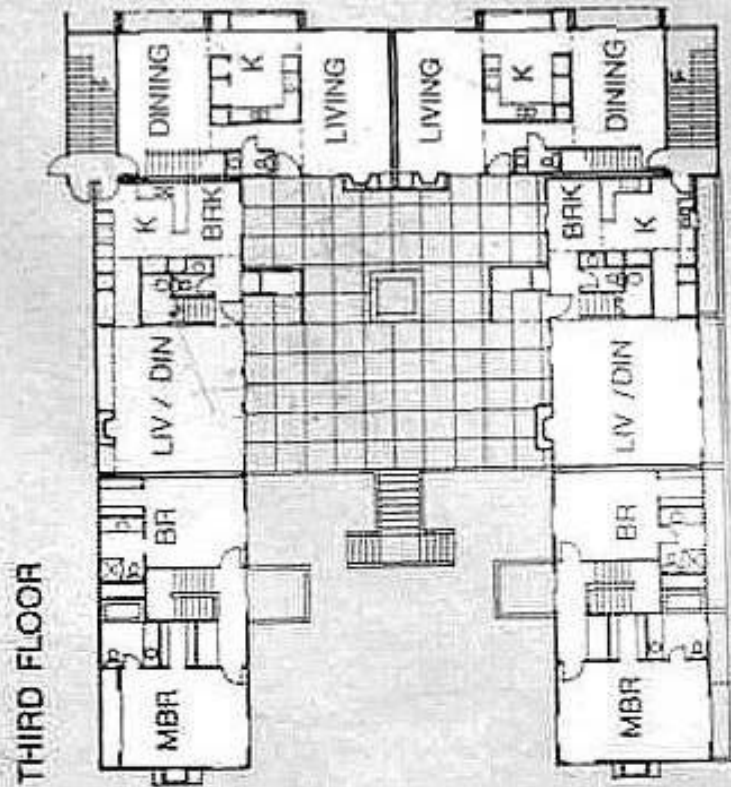




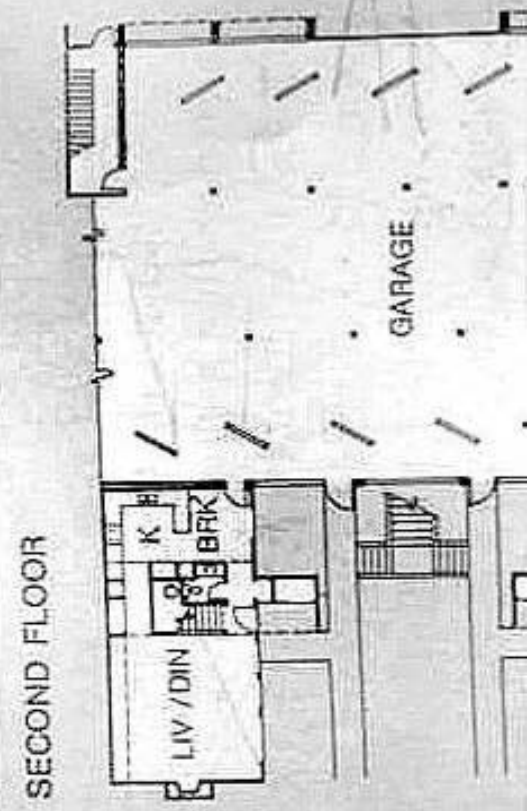
36 st.j.



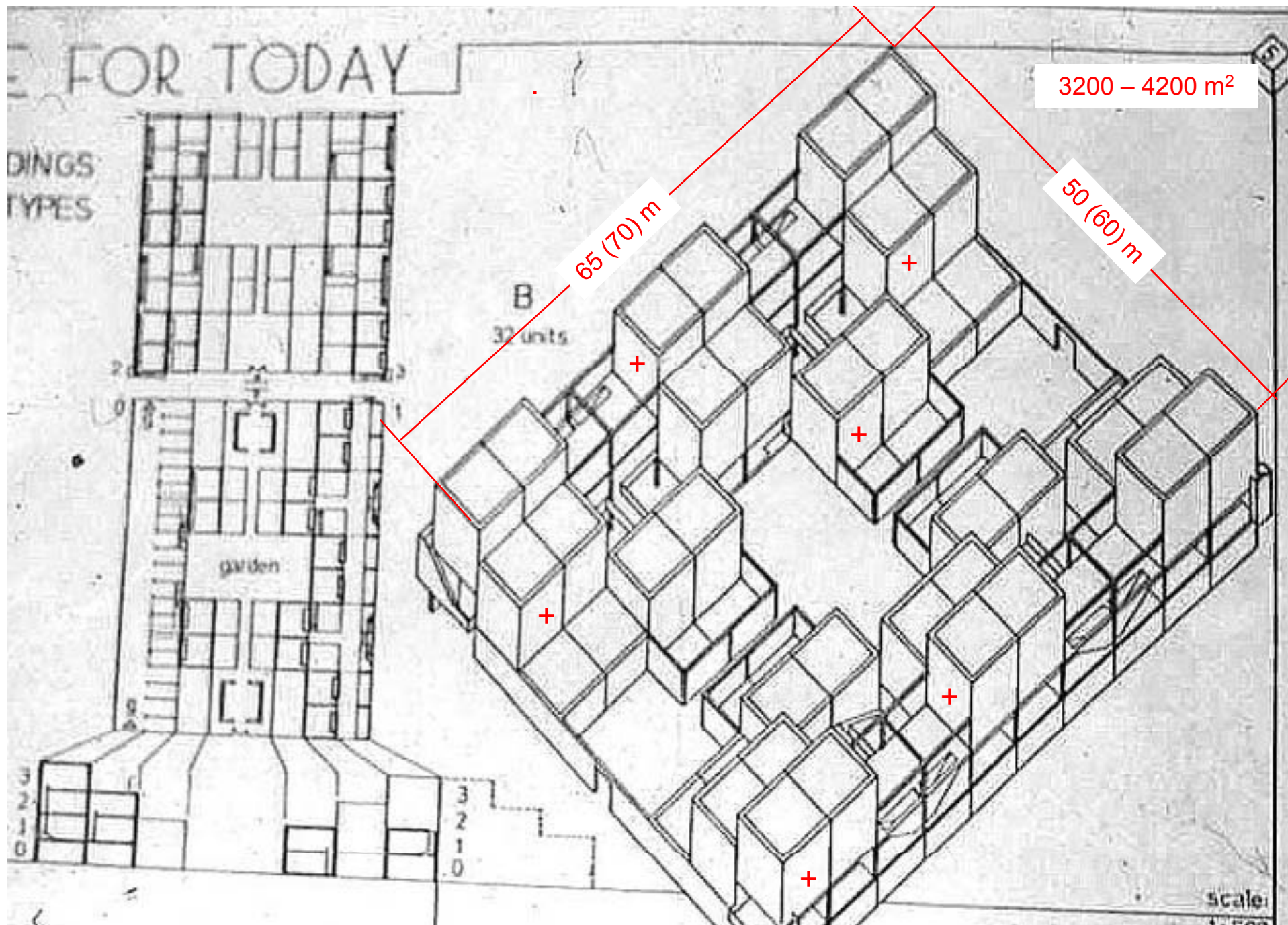
II kat



I kat



prizemlje



L. Pleština: skupina od 32 modularne stambene jedinice "6,5 x 6,5 x 6,5 m" +, 40+ pgm

—projekt 1984.



MVRDV: URBAN BEADS

MVRDV



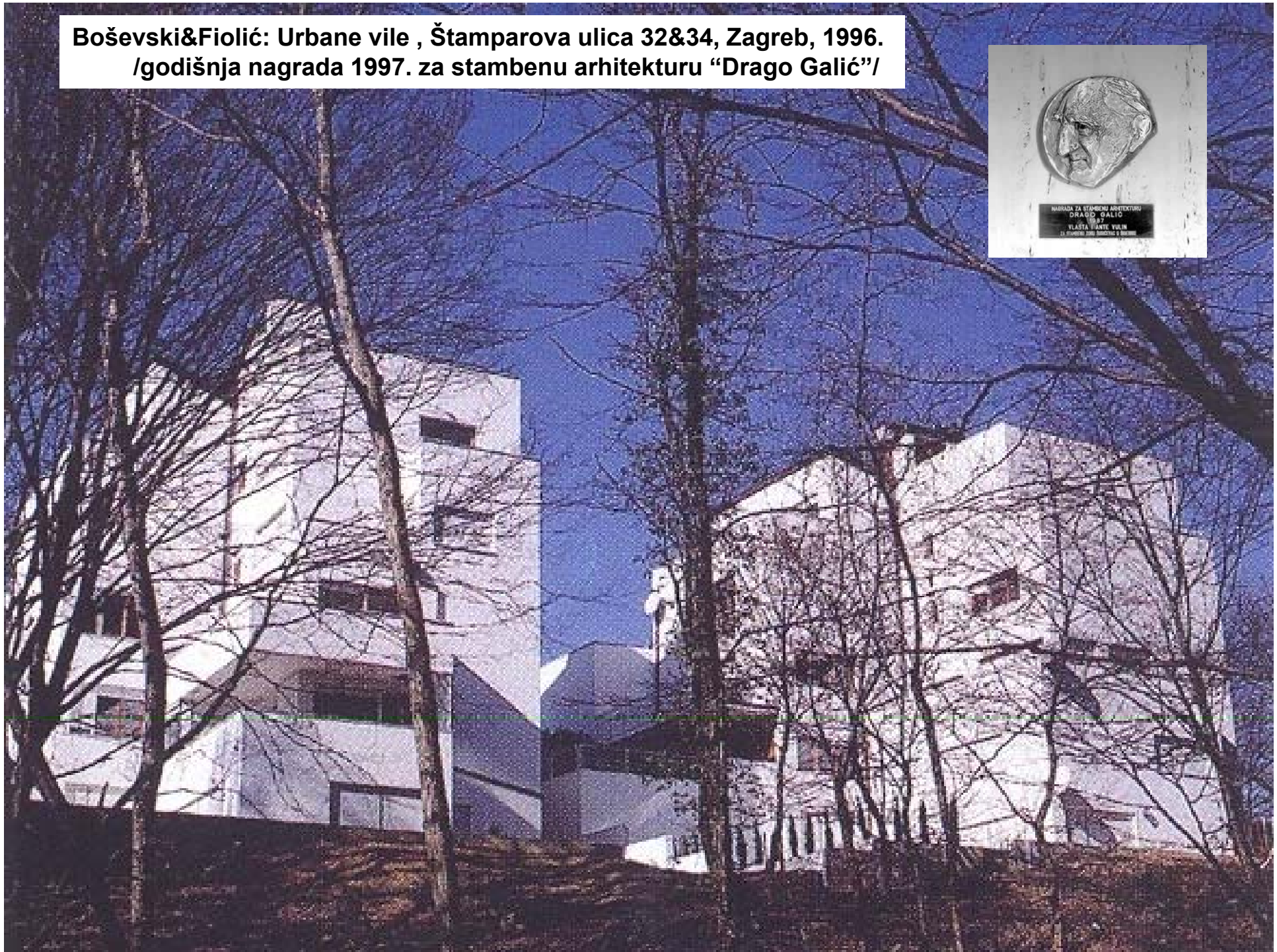
The development, for the Olympiakwartier area of Almere, will feature nine urban blocks composed of a variety of different building types that the architects compare to beads on a string.

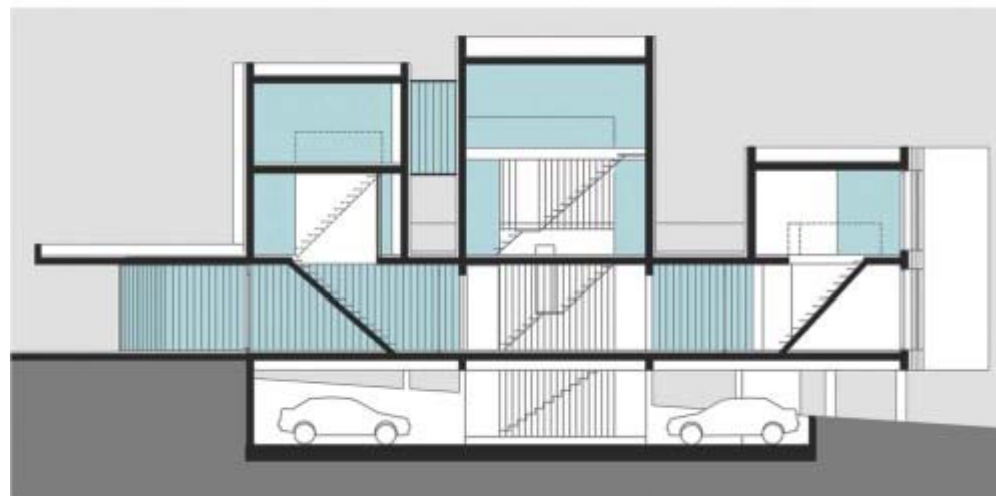


The city of Emmen, Switzerland :” MVRDV, winners of the Feldbreite competition for a housing block with 95 homes of 16 different types.

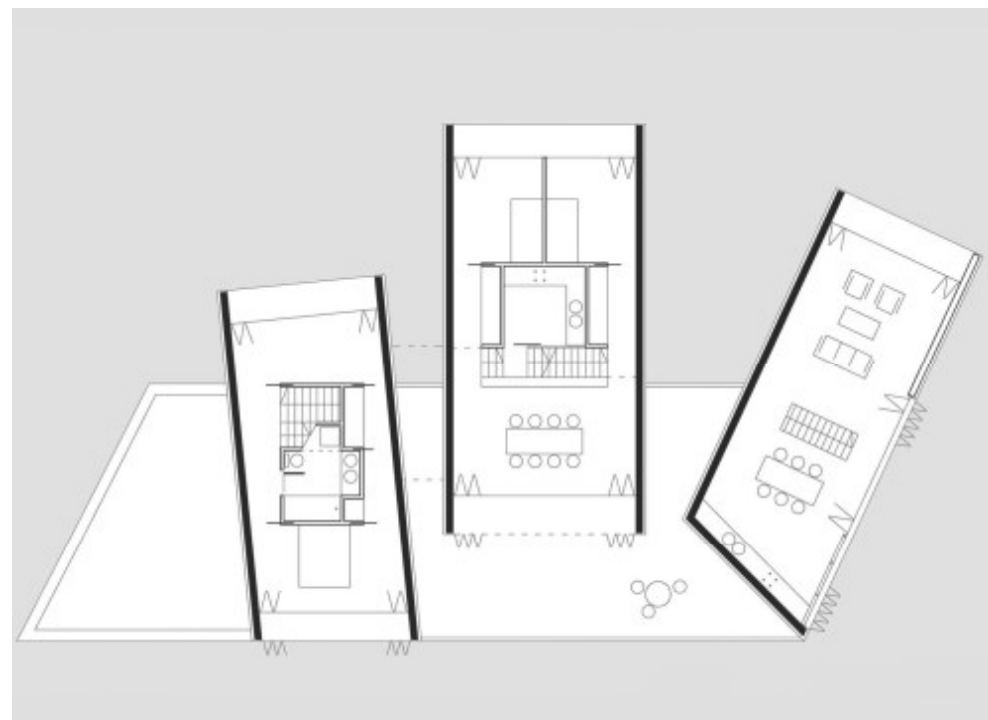


**Boševski&Fiolić: Urbane vile , Štamparova ulica 32&34, Zagreb, 1996.
/godišnja nagrada 1997. za stambenu arhitekturu "Drago Galić"/**



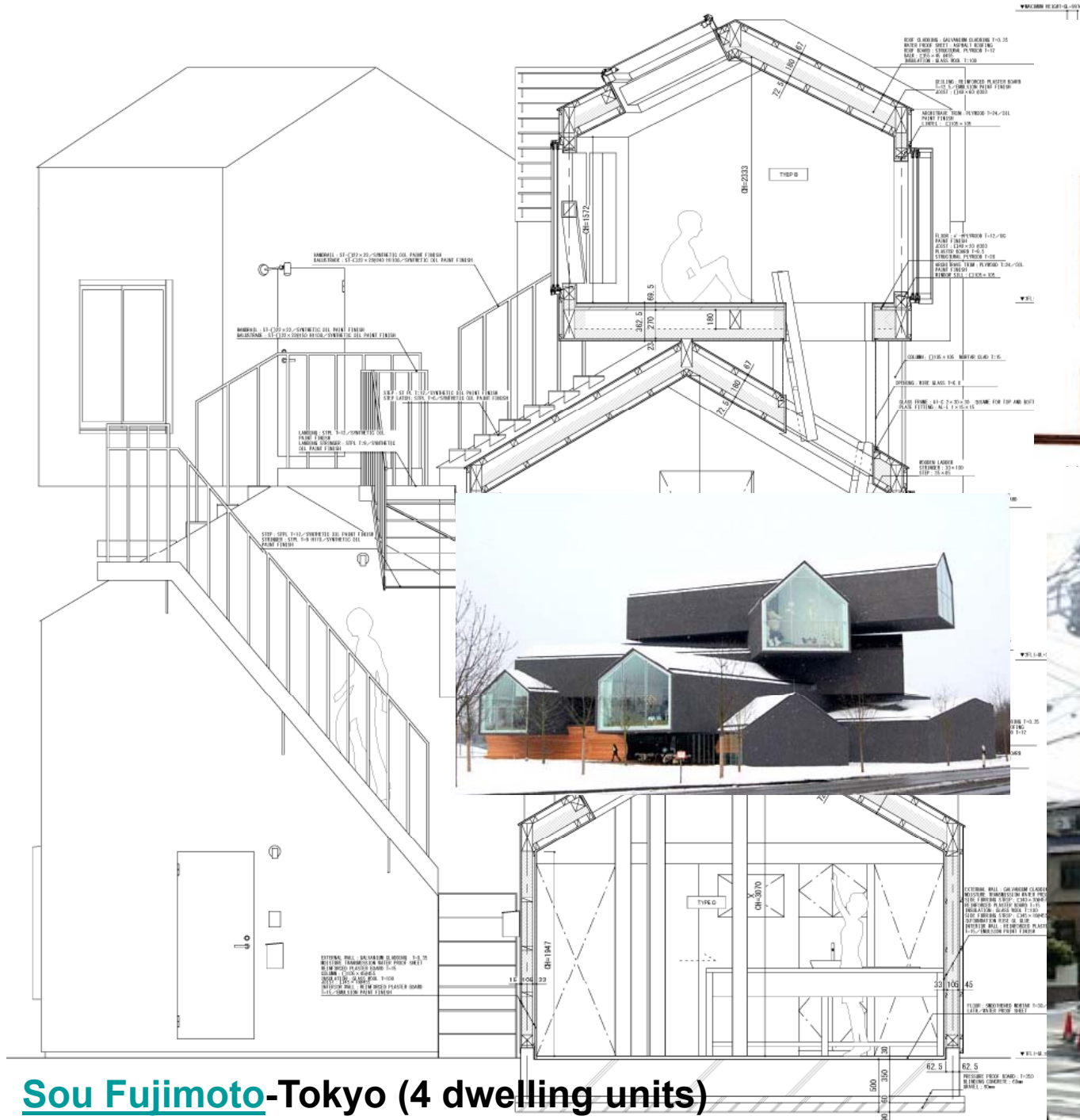


Ivan Galić: Urbana vila (5 stanova)



Ivan Galić: Urbana vila Mikulići, Zagreb



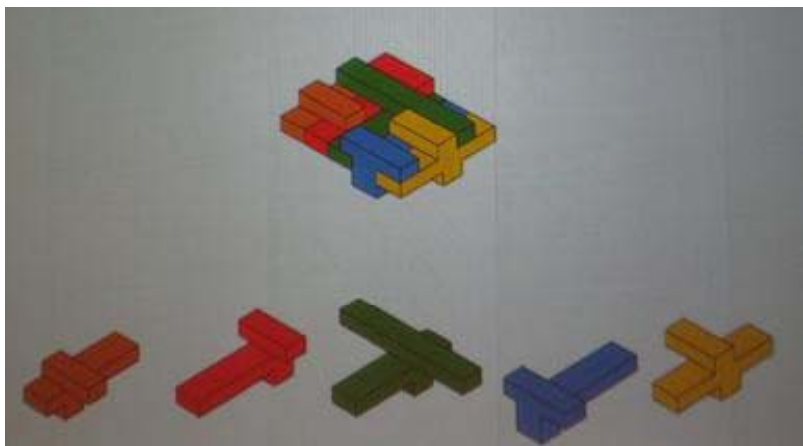
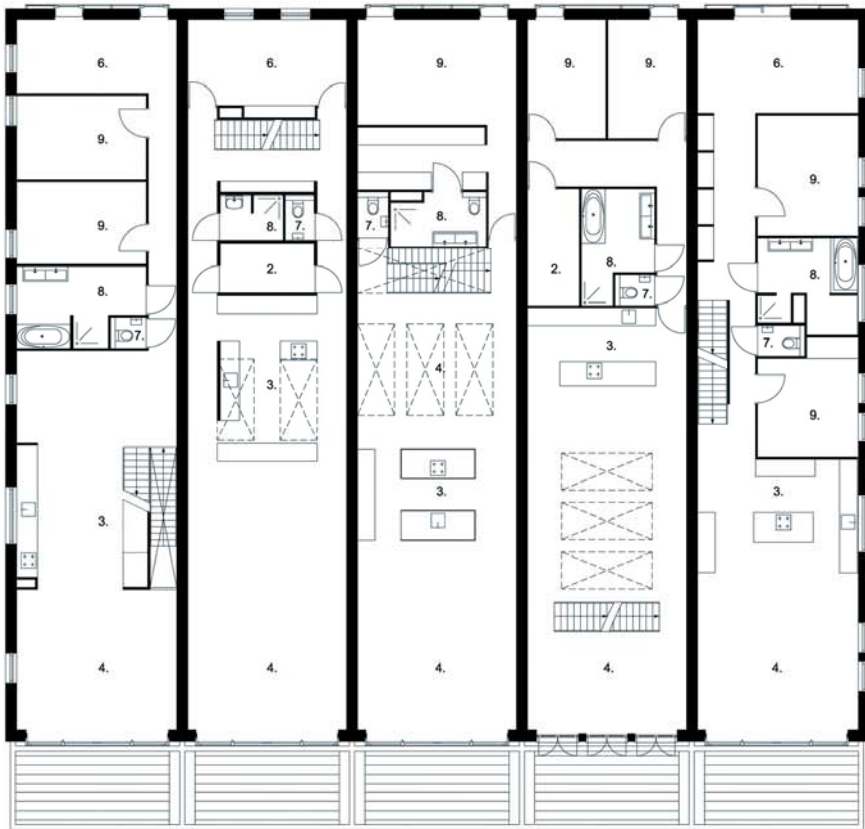


Sou Fujimoto-Tokyo (4 dwelling units)

TRIPLE DECKER HOUSING, Boston, početak XX st.

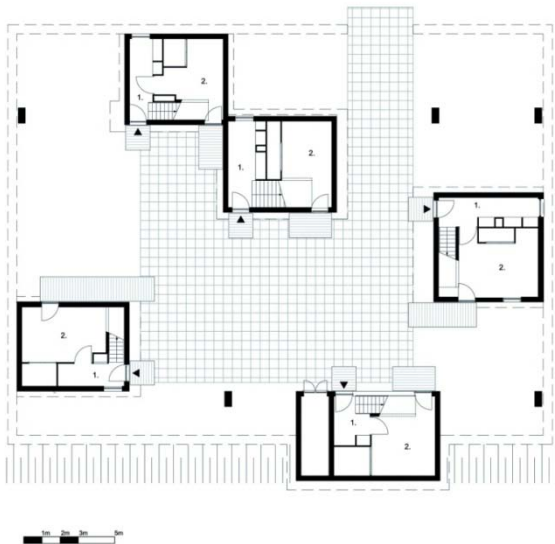


Overgooi Villa, Villa of Five, NEXT Architects, 2008,





five residential units on a **5000 m²** lot
with the restriction had to look like a single villa.



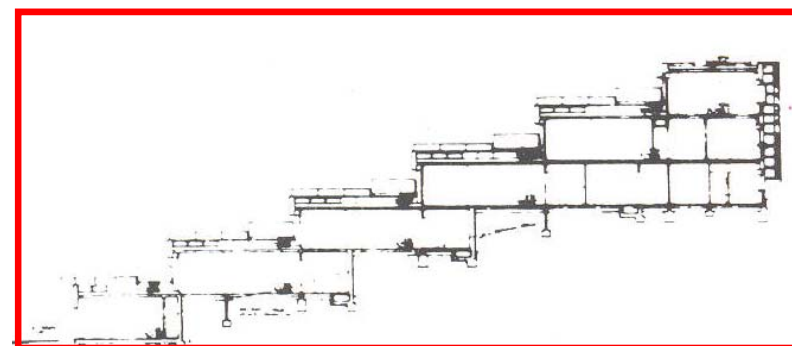
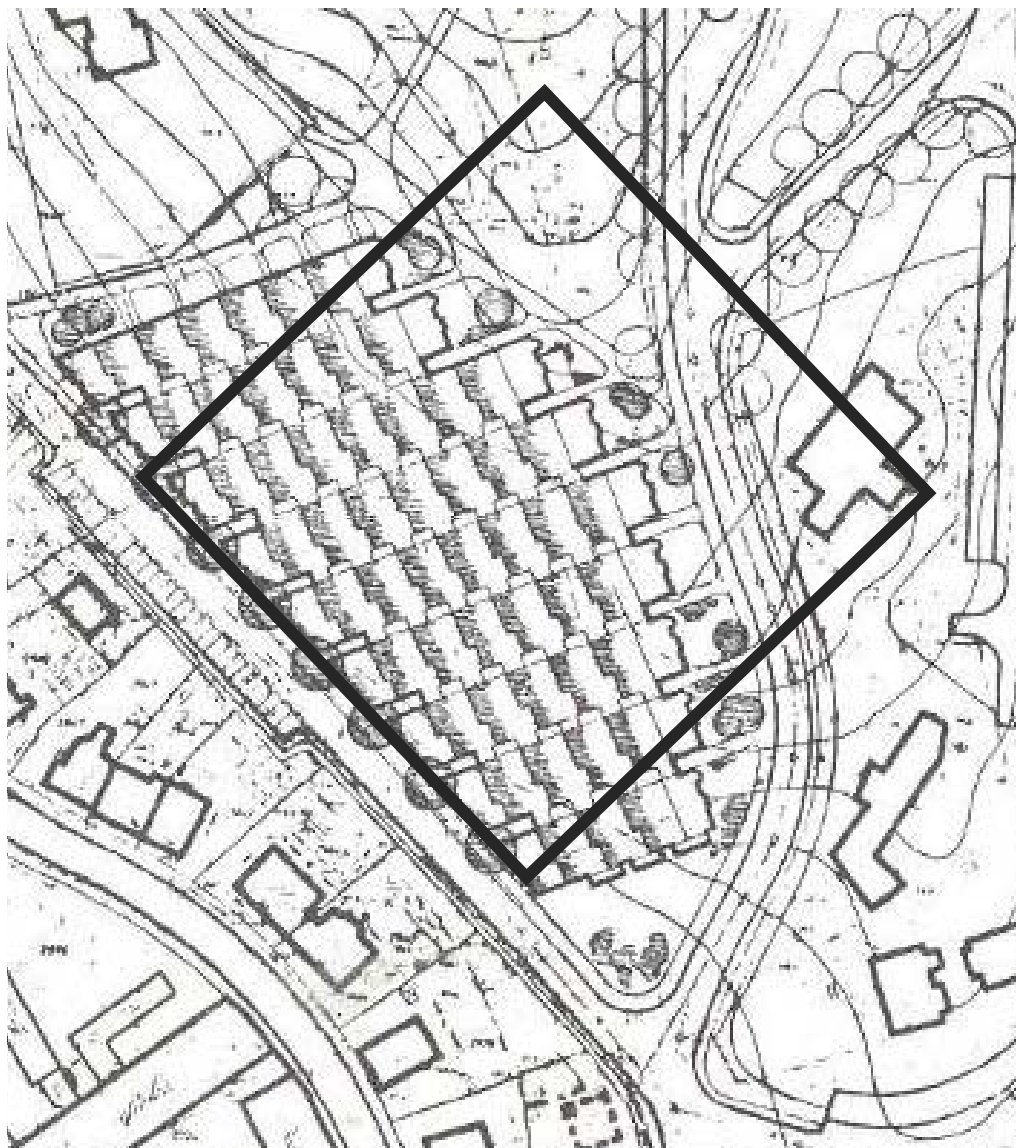


terasasta izgradnja, Untersiggental, Švicarska



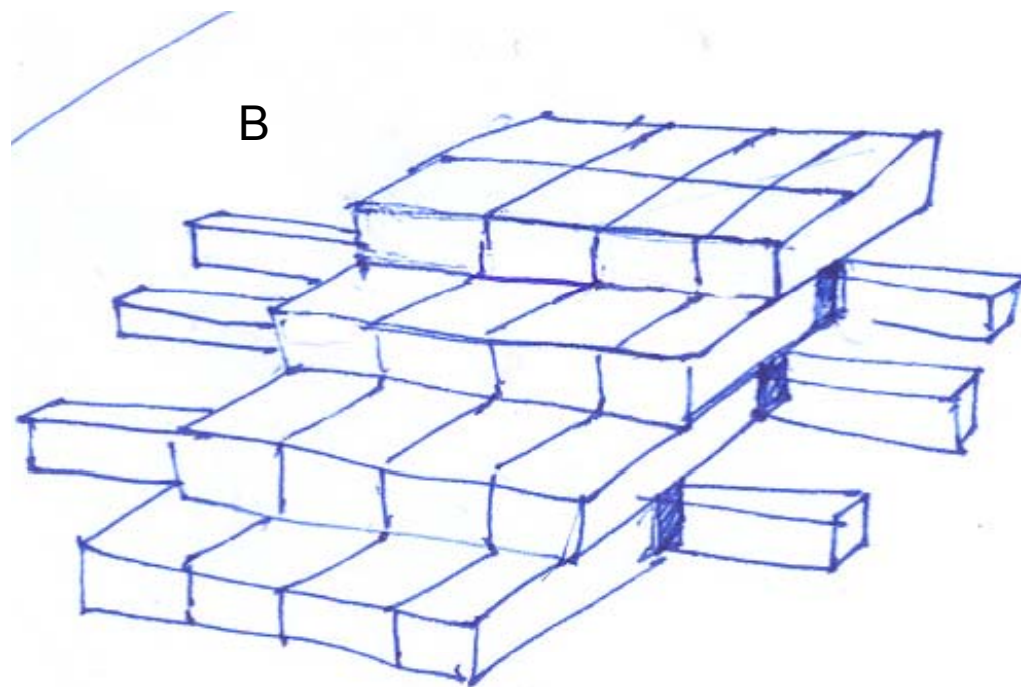
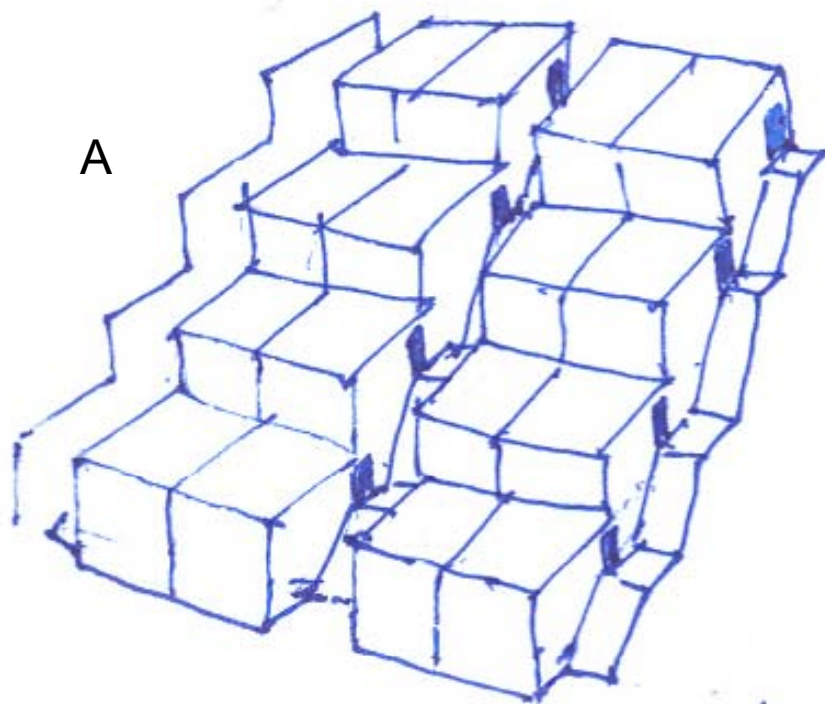
terasasta izgradnja, Švicarska

Ante Marinović – Uzelac: Kajfešov brijeg, Zagreb, terasasta izgradnja, 1987. /projekt 1980./





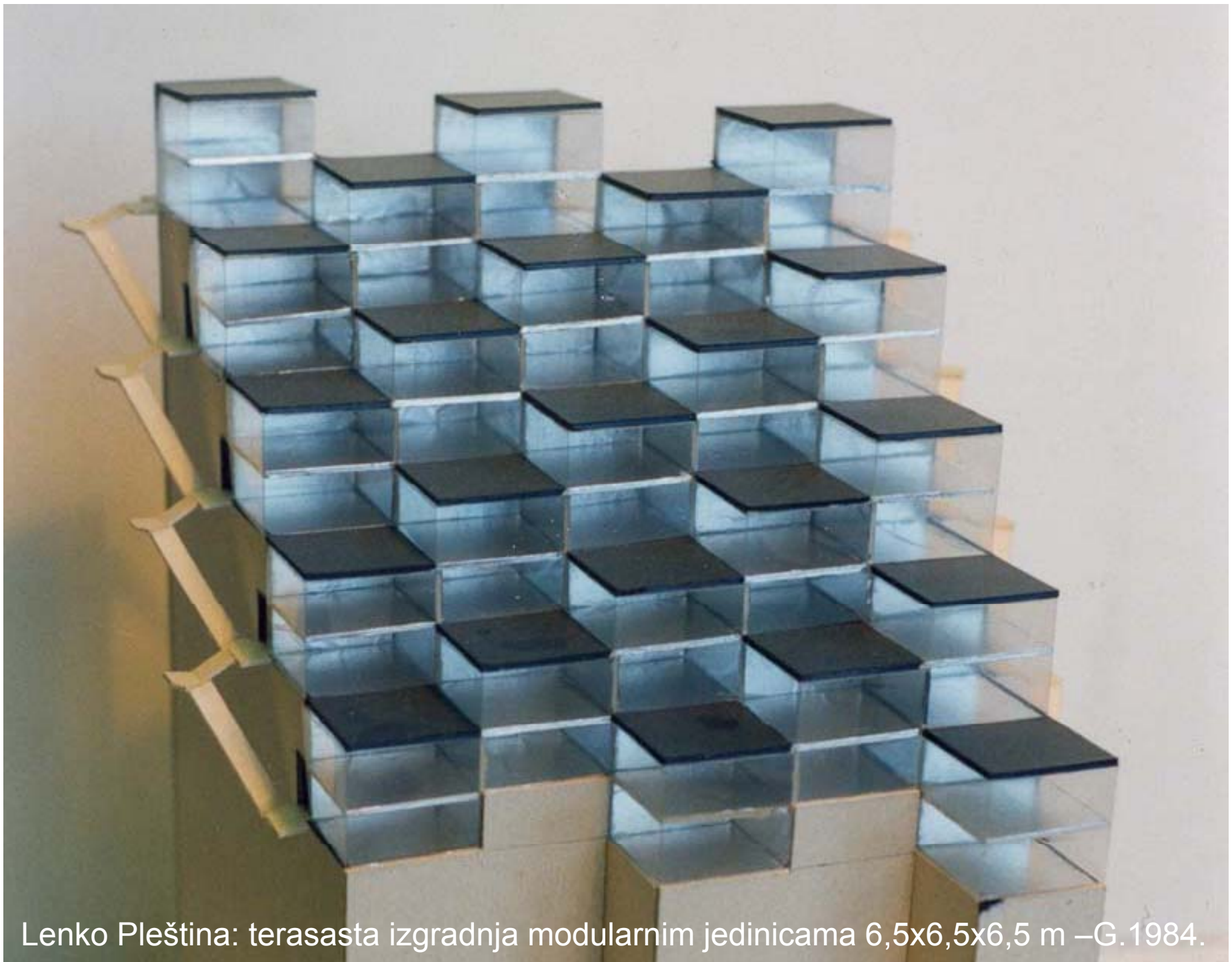
Ante Marinović – Uzelac: Kajfešov brijeg, Zagreb, terasasta izgradnja, 1987.



terasasta izgradnja-način slaganja stambenih jedinica:

A) uz stube

B) uzduž horizontalnih hodnika



Lenko Pleština: terasasta izgradnja modularnim jedinicama 6,5x6,5x6,5 m –G.1984.

