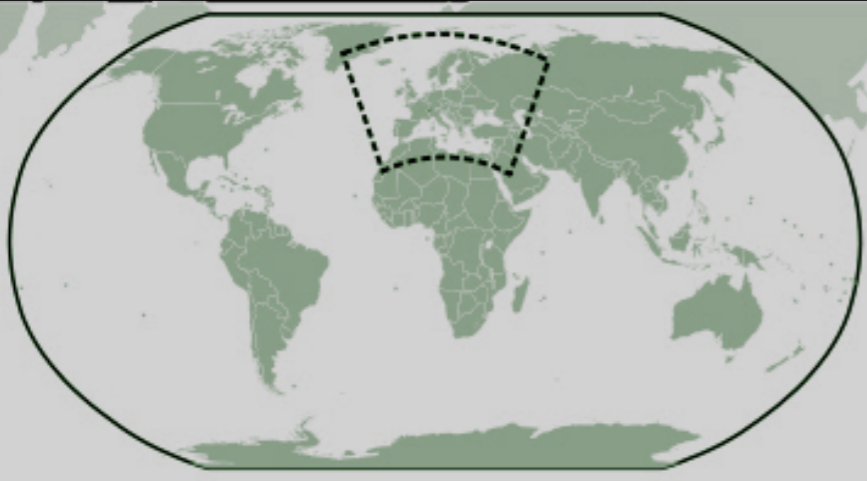


The Siedlung Halen Rowhouses

Liga Brammanis
Kelsey Dawson
Zoe Goodman
Elizabeth Lenny
Olivera Neskovic



SWITZERLAND
 0 km 12,5 25 37,5 km
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- National Capital (128,000 in 2007)
- over 350,000
- over 100,000
- over 50,000
- over 20,000
- other main city
- other city
- Chief town of canton



Near Bern...



Siedlung Halen (The Halen Estate)

Address: 3037 Herrenschwanden, Switzerland



Atelier 5



Fritz Thormann



Rolf Hesterberg



Gleis Morgenthaler



Alfred Pini



Erwin Fritz



Samuel Gerber



Hans Hostettler



Winter in Bern

Summer in Bern



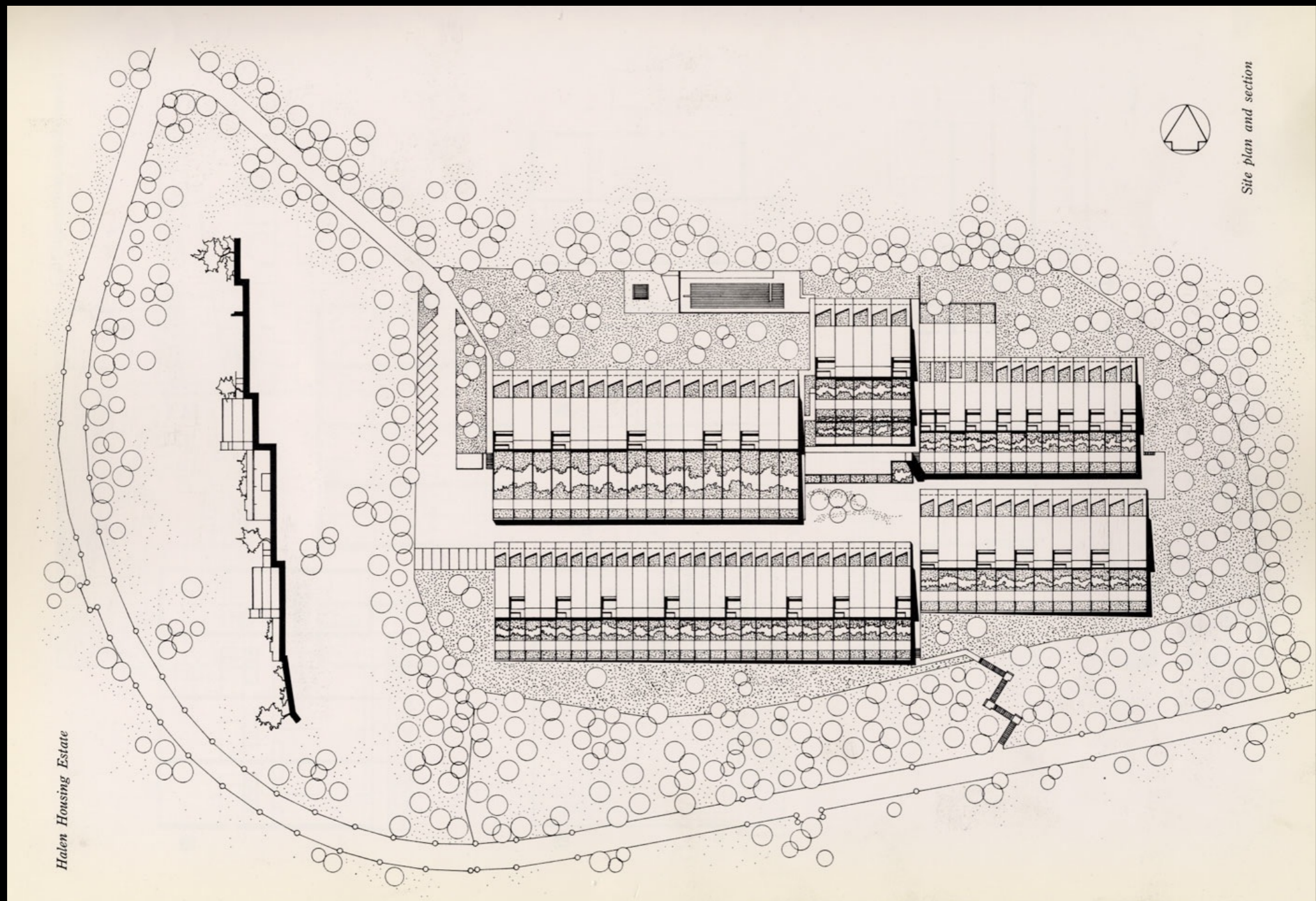




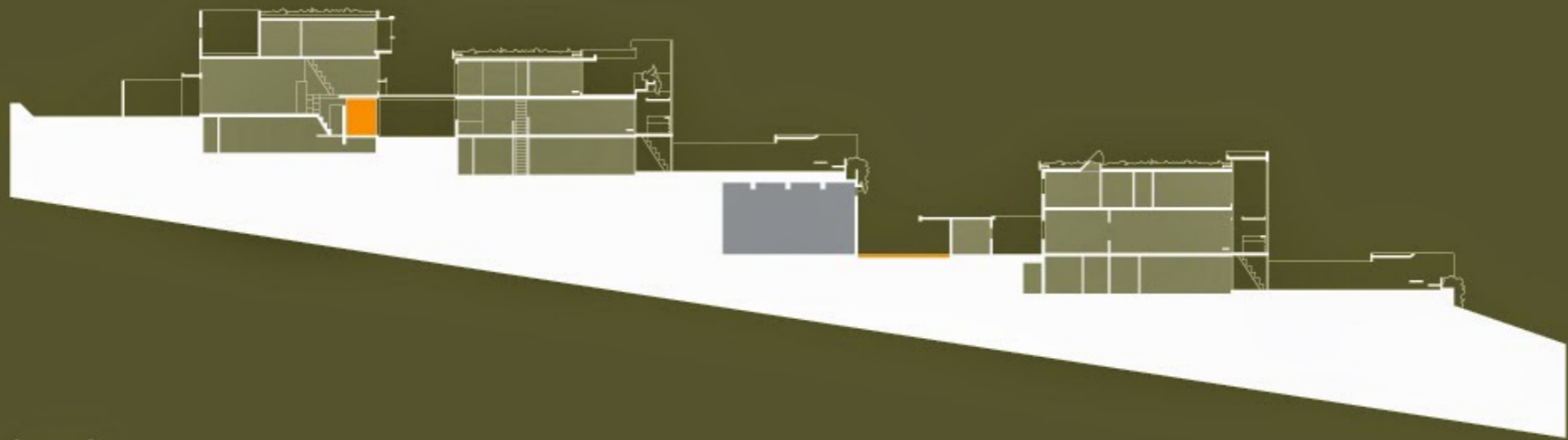
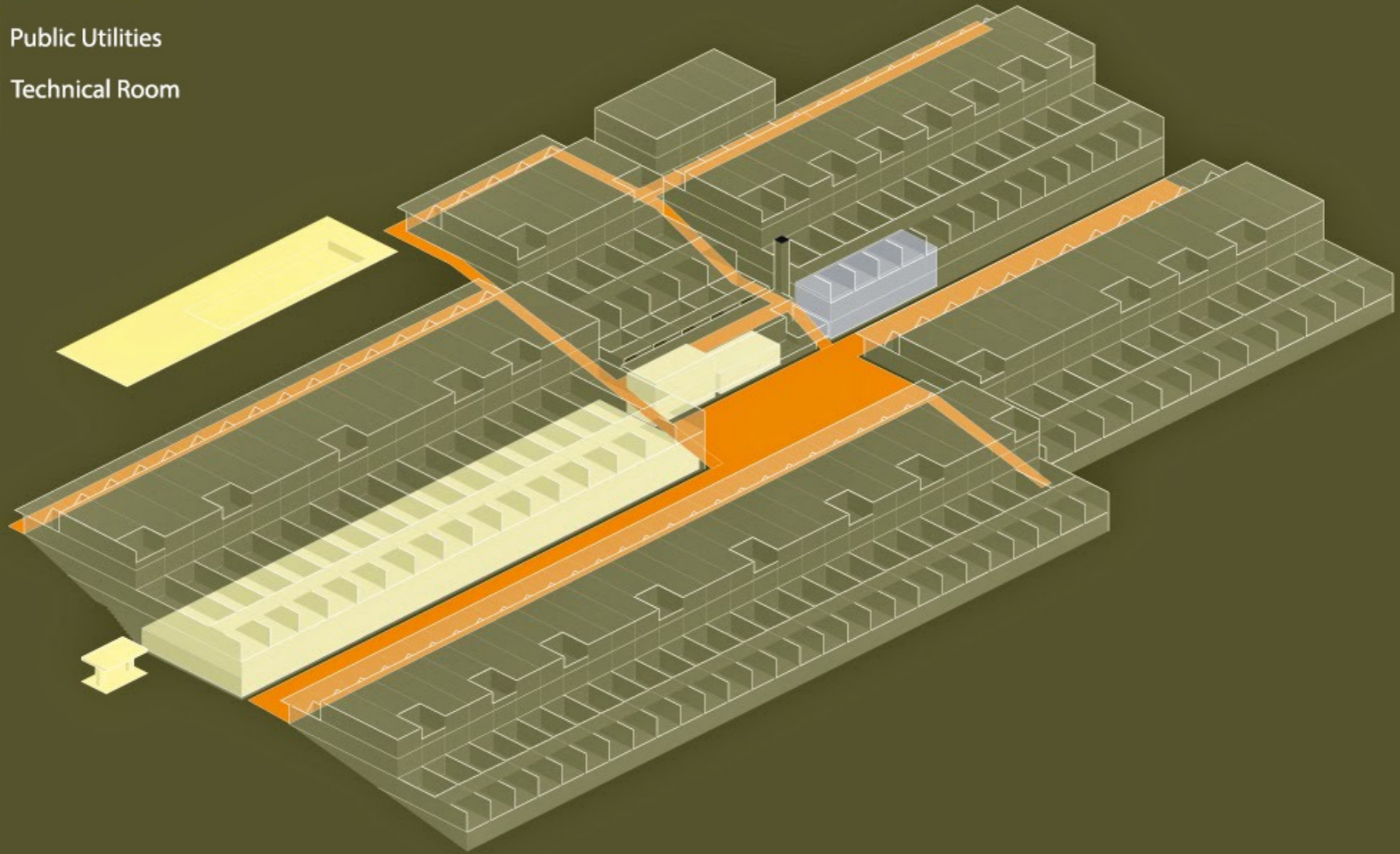
José María
MONGE



Site Plan

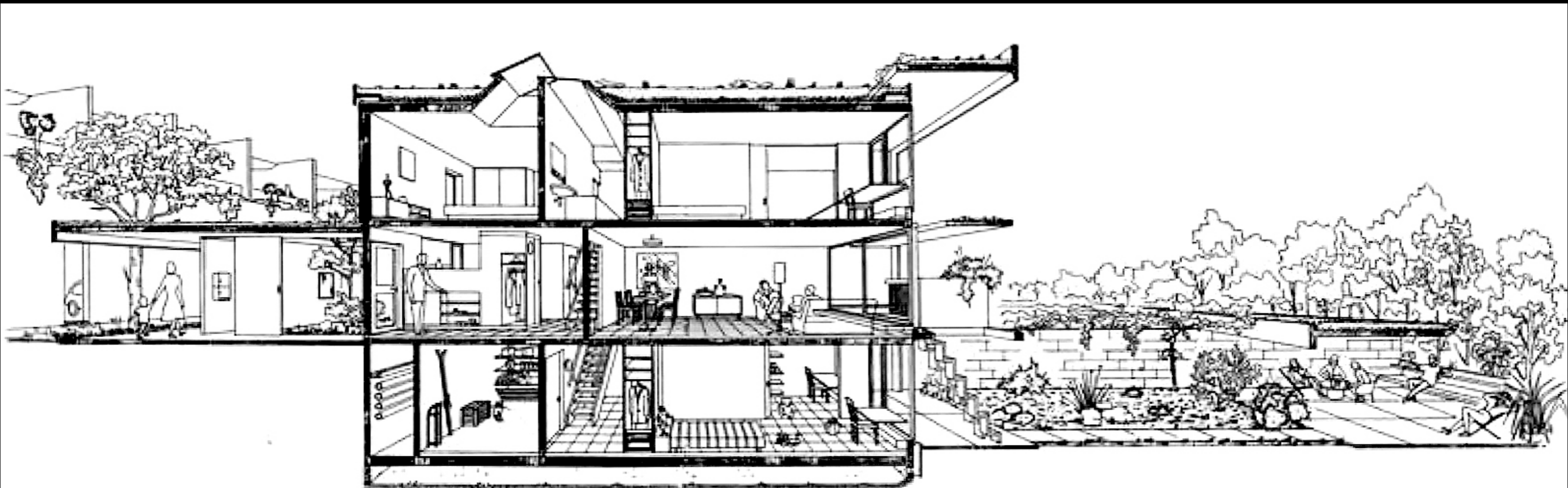


- Residences
- Common Space
- Public Utilities
- Technical Room

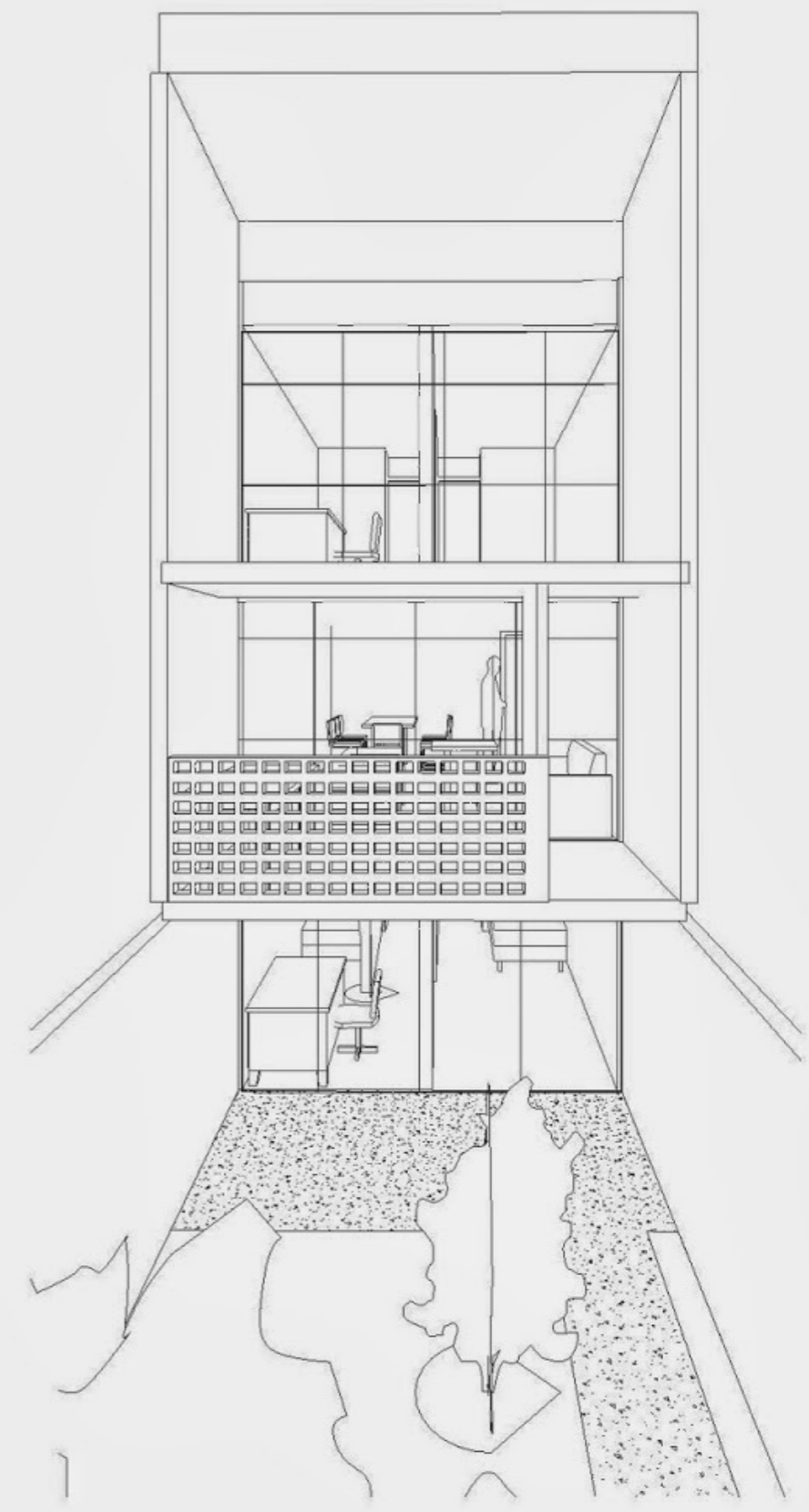
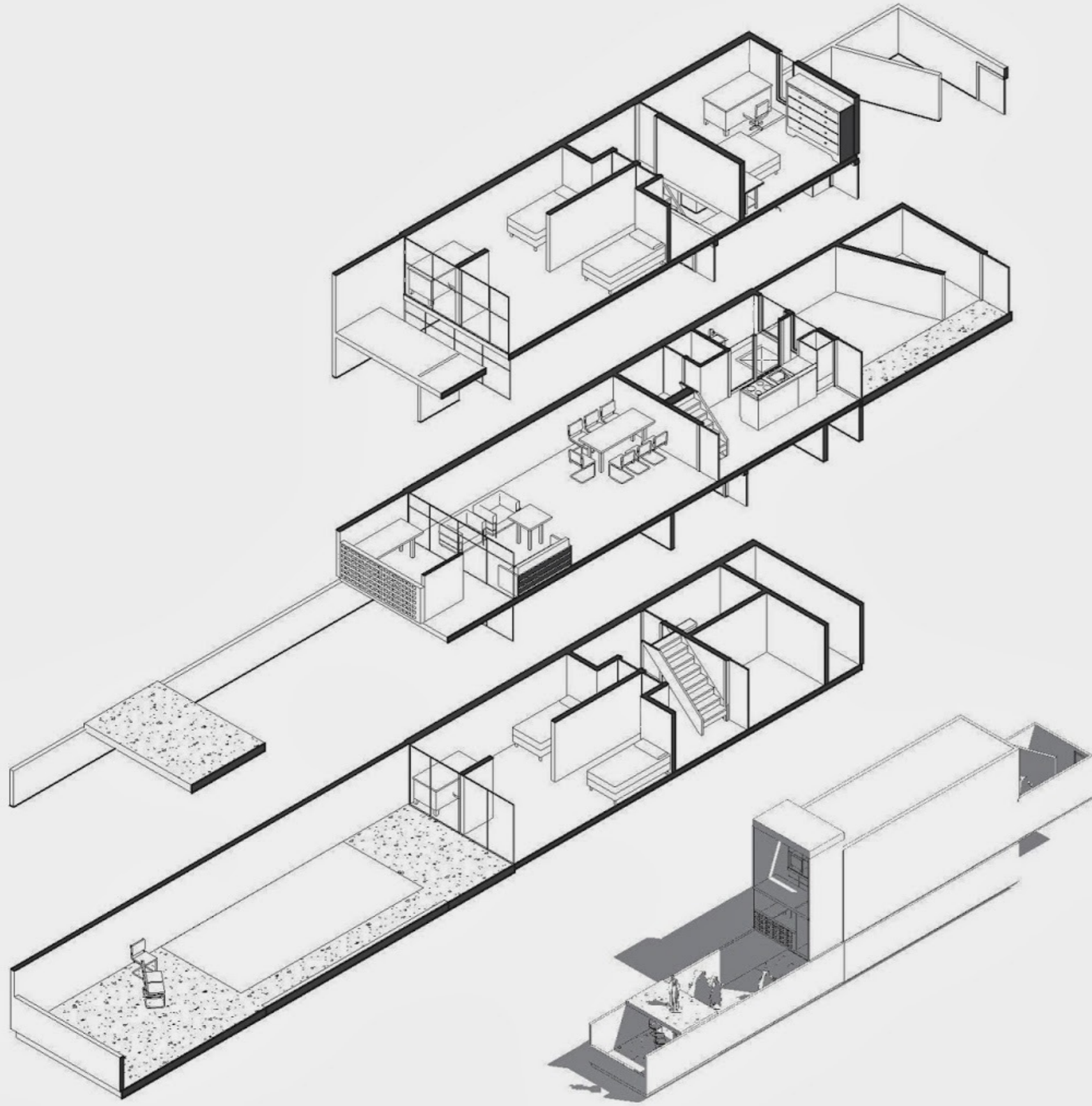


0 5m

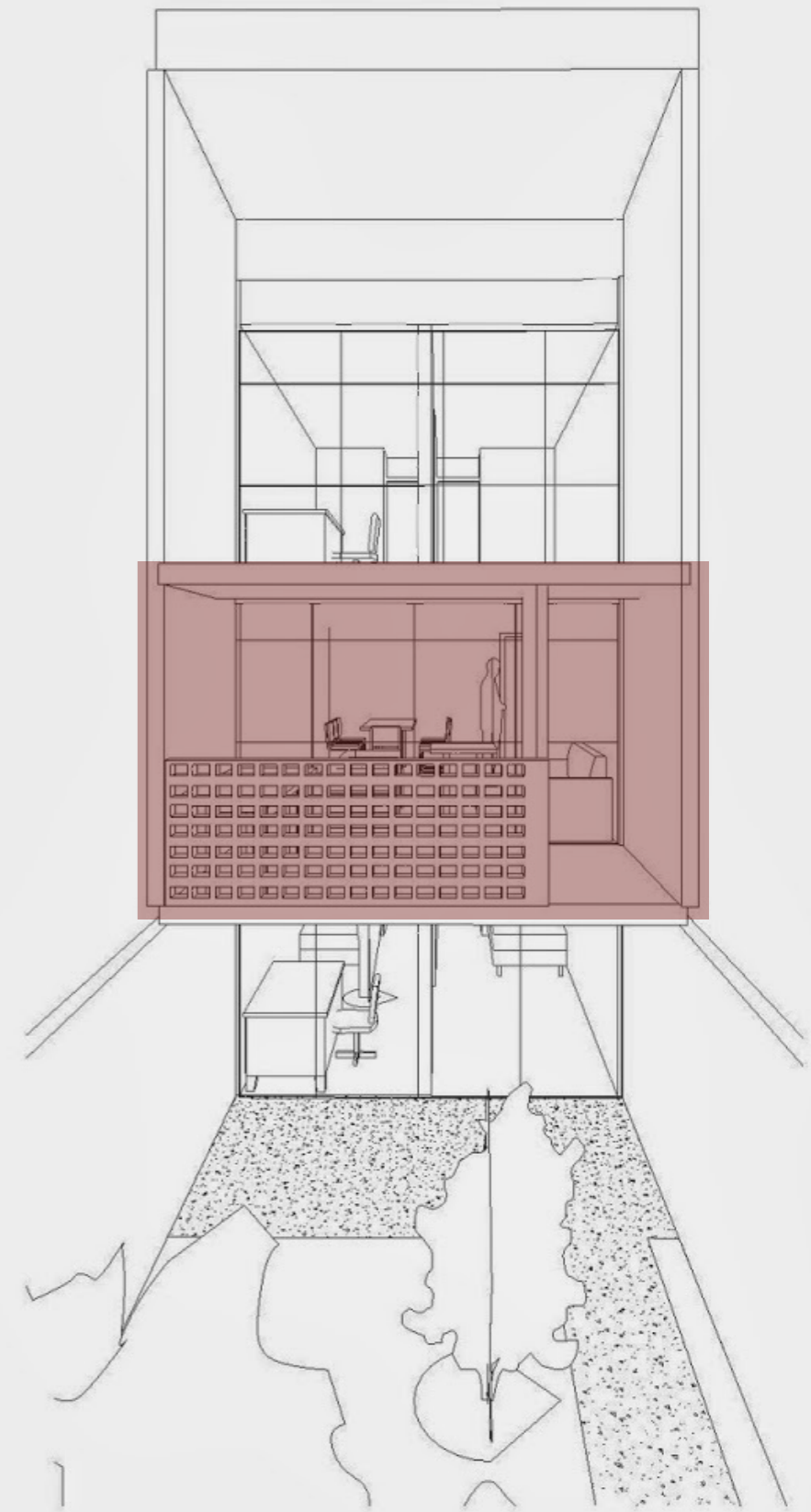
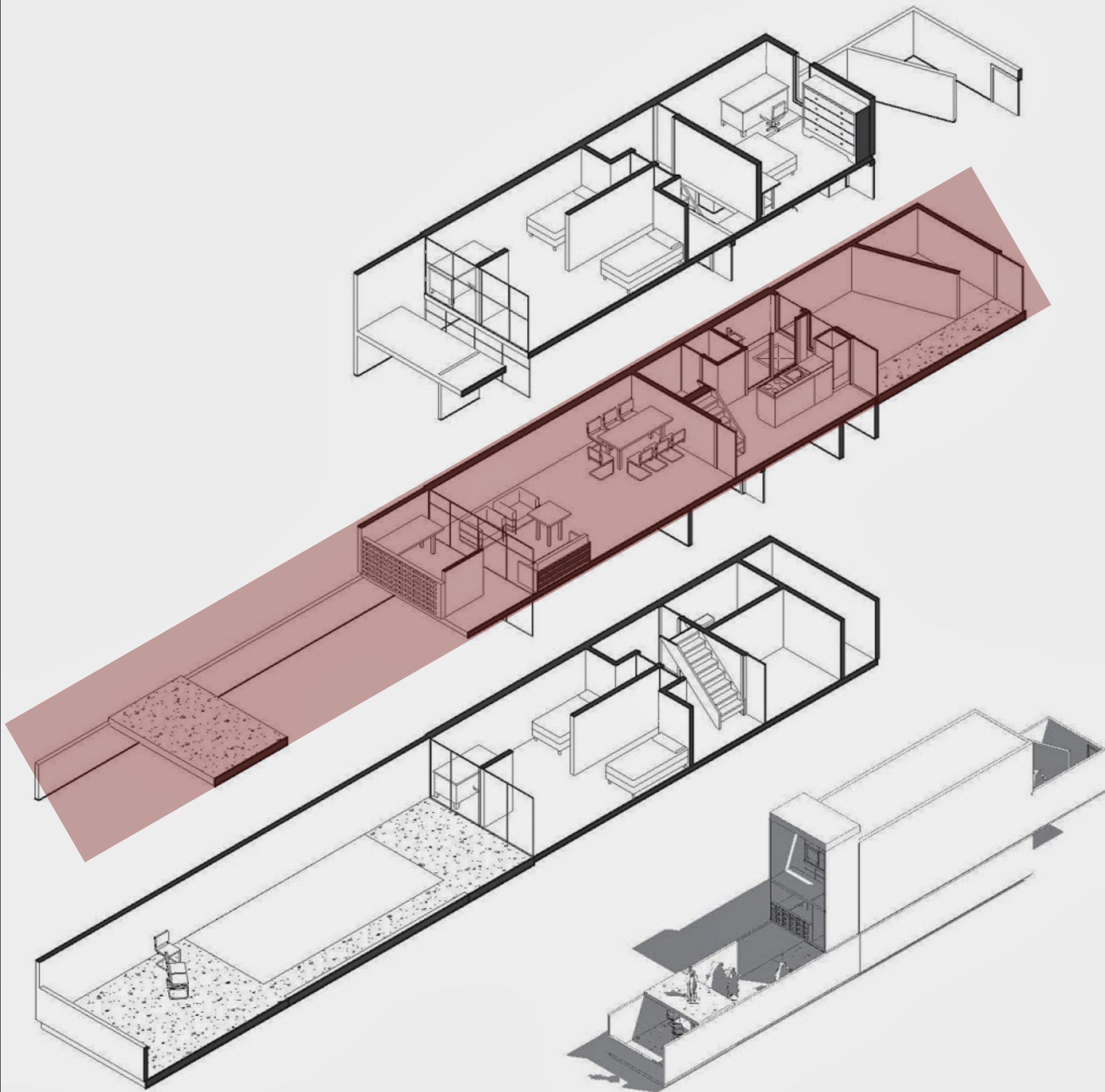
Sectional Perspective



Interior & Exterior Axonometric



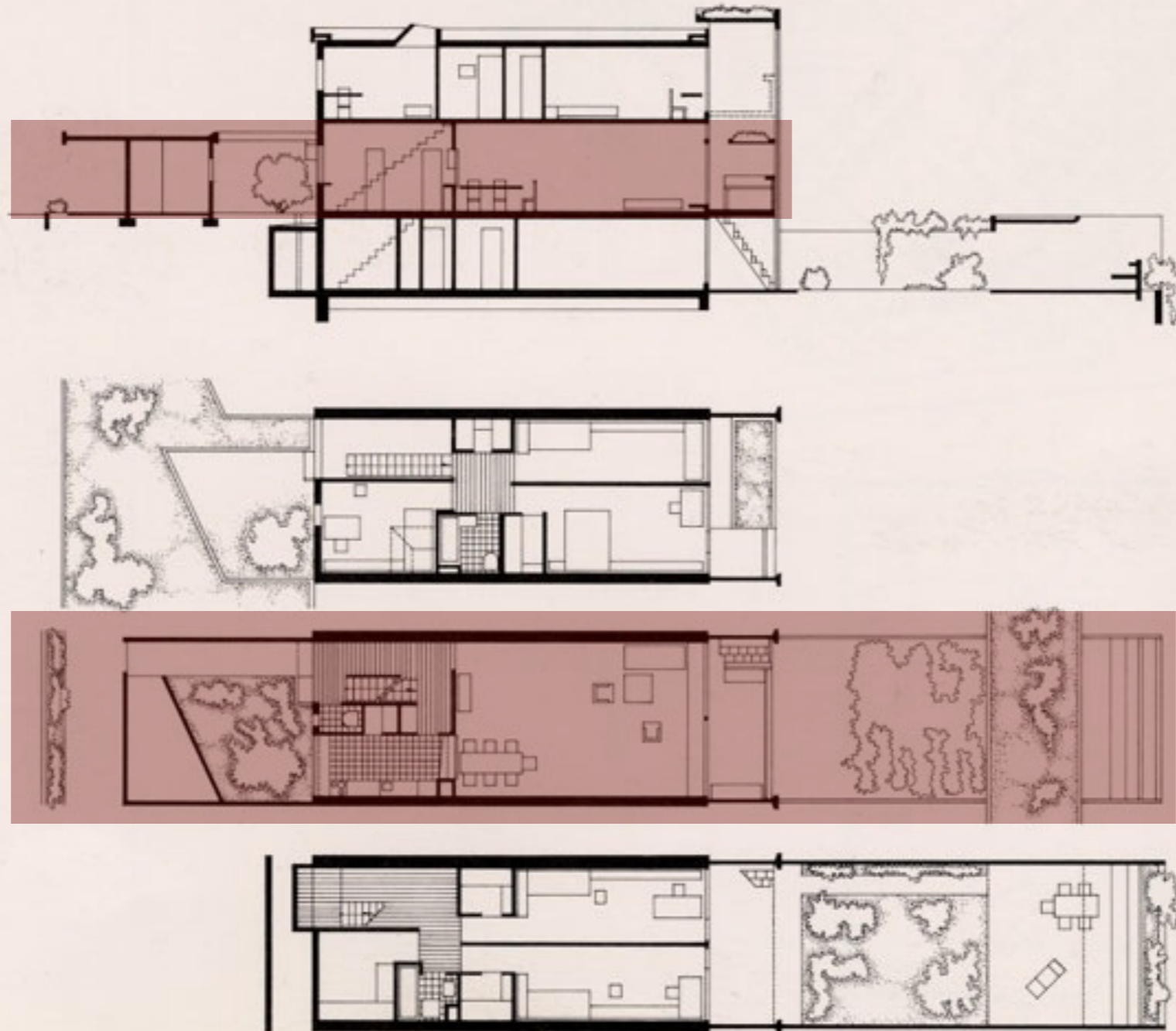
Perspective

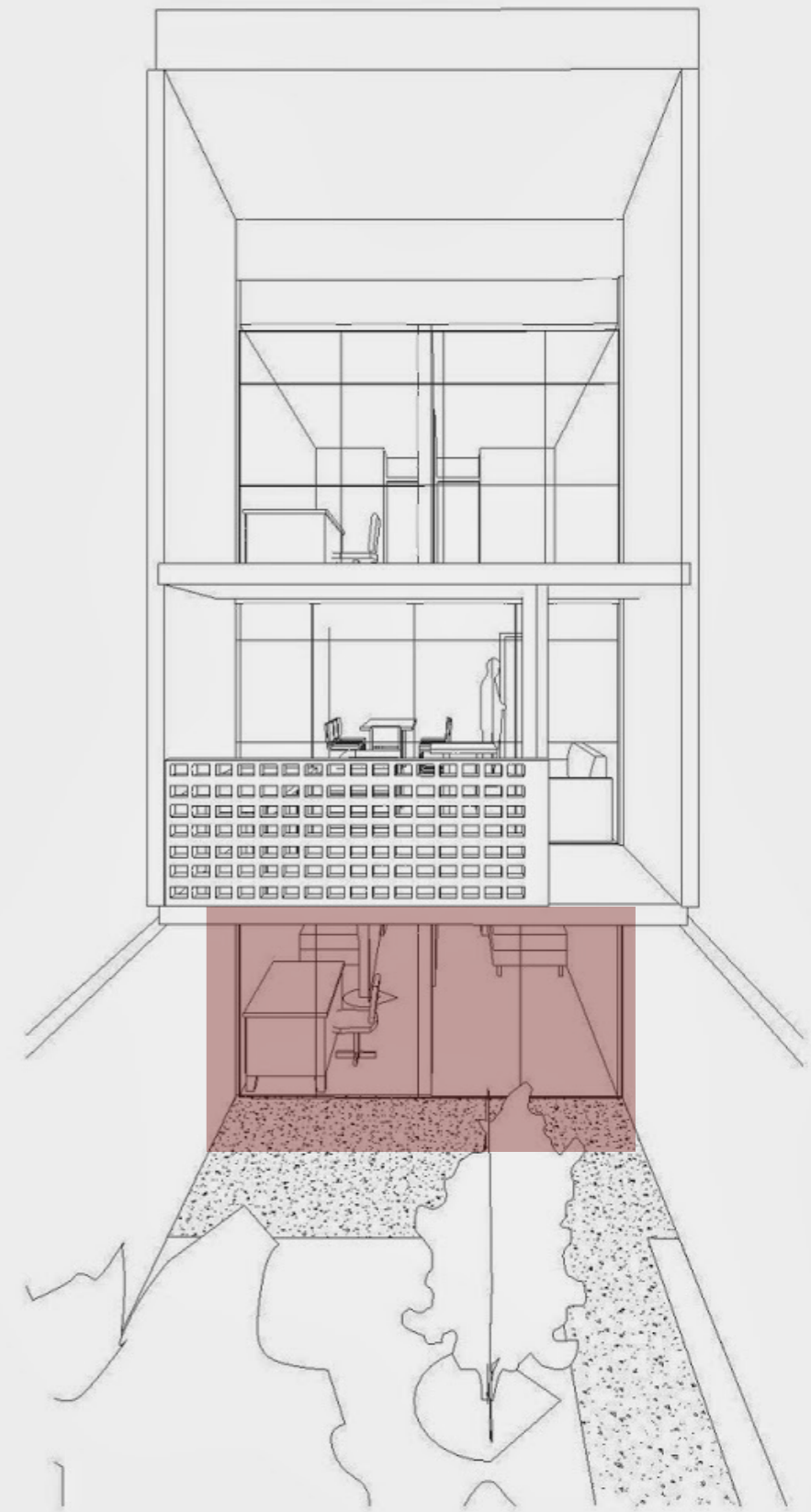
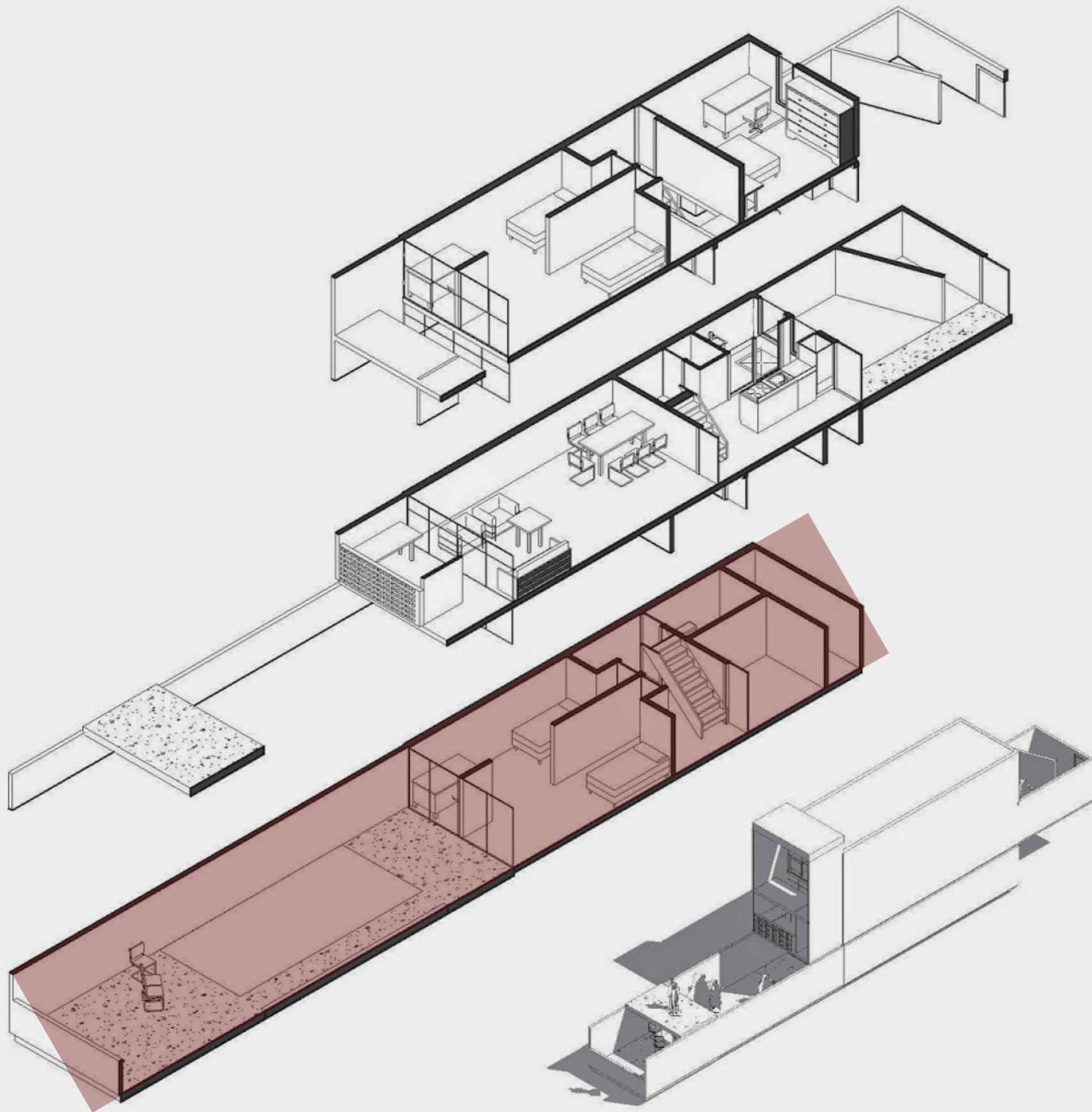


The Central Floor

Includes: a front yard, a kitchen, a living room, a south facing balcony

House Type B

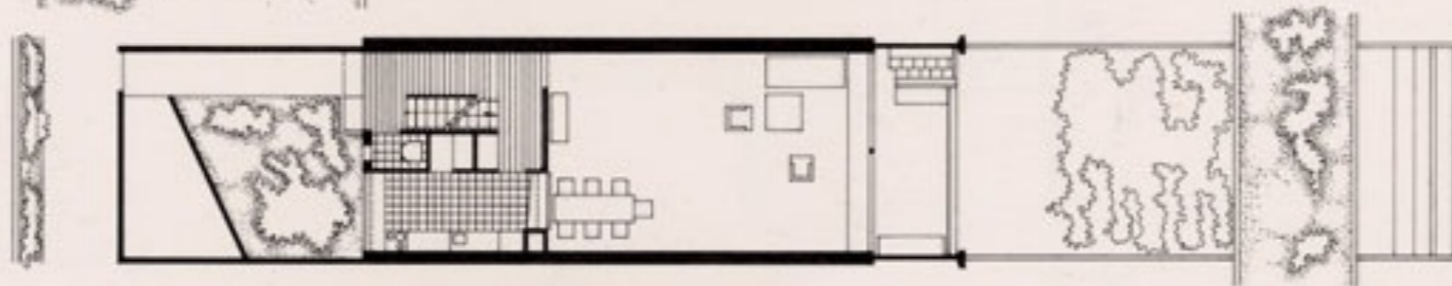
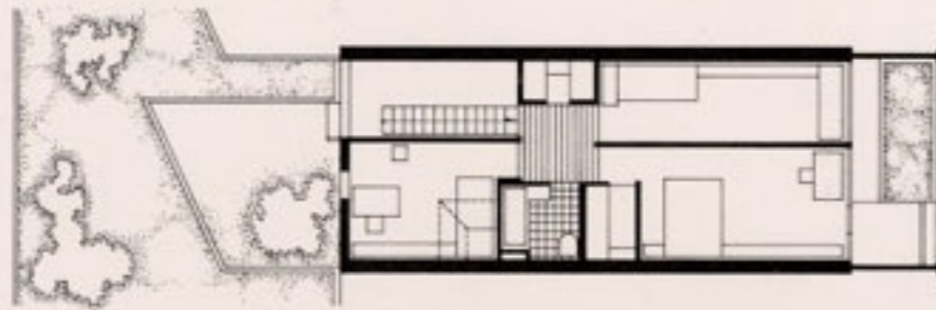


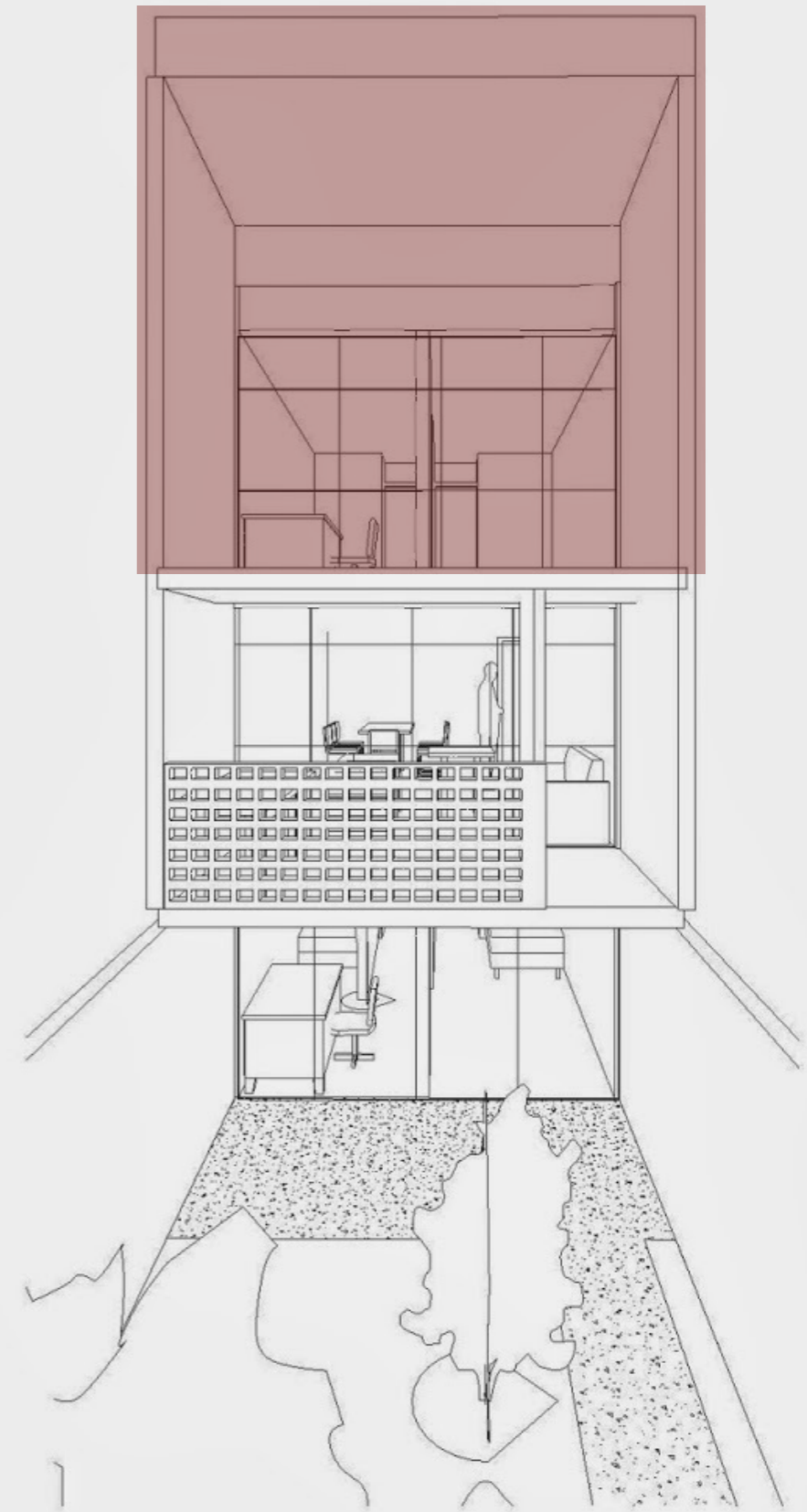
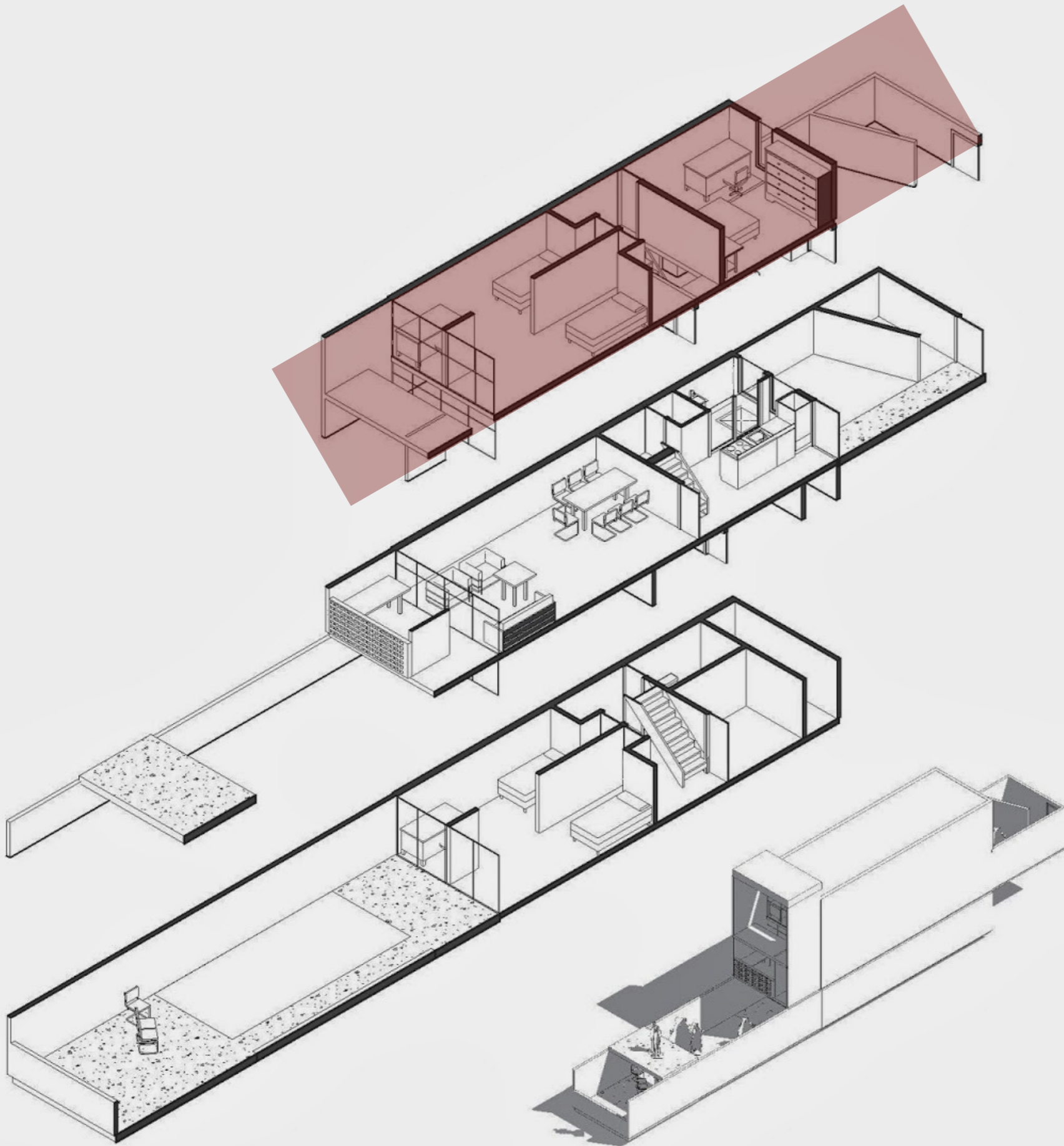


The Bottom Floor

Includes: a bathroom, backyard, two bedrooms

House Type B





The Top Floor

Includes: a study, a bathroom, two bedrooms

House Type B



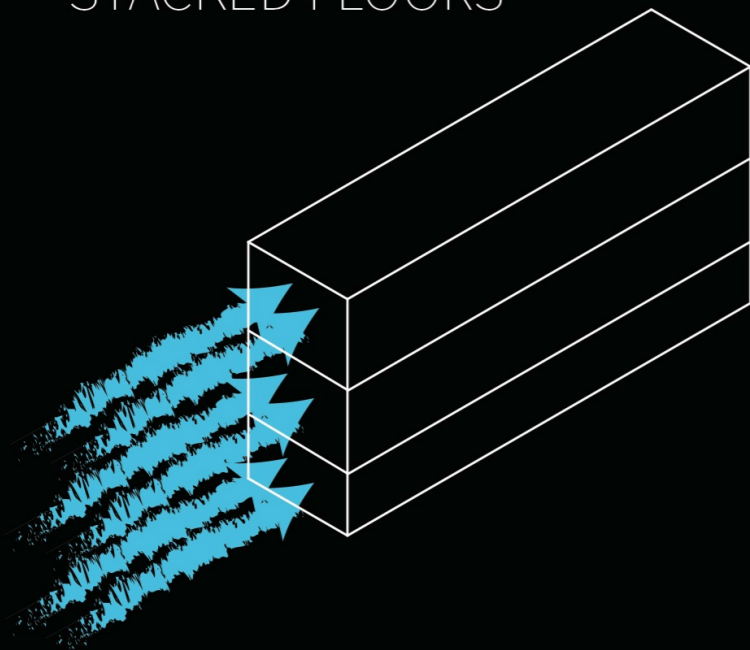
Natural Ventilation



ventilation

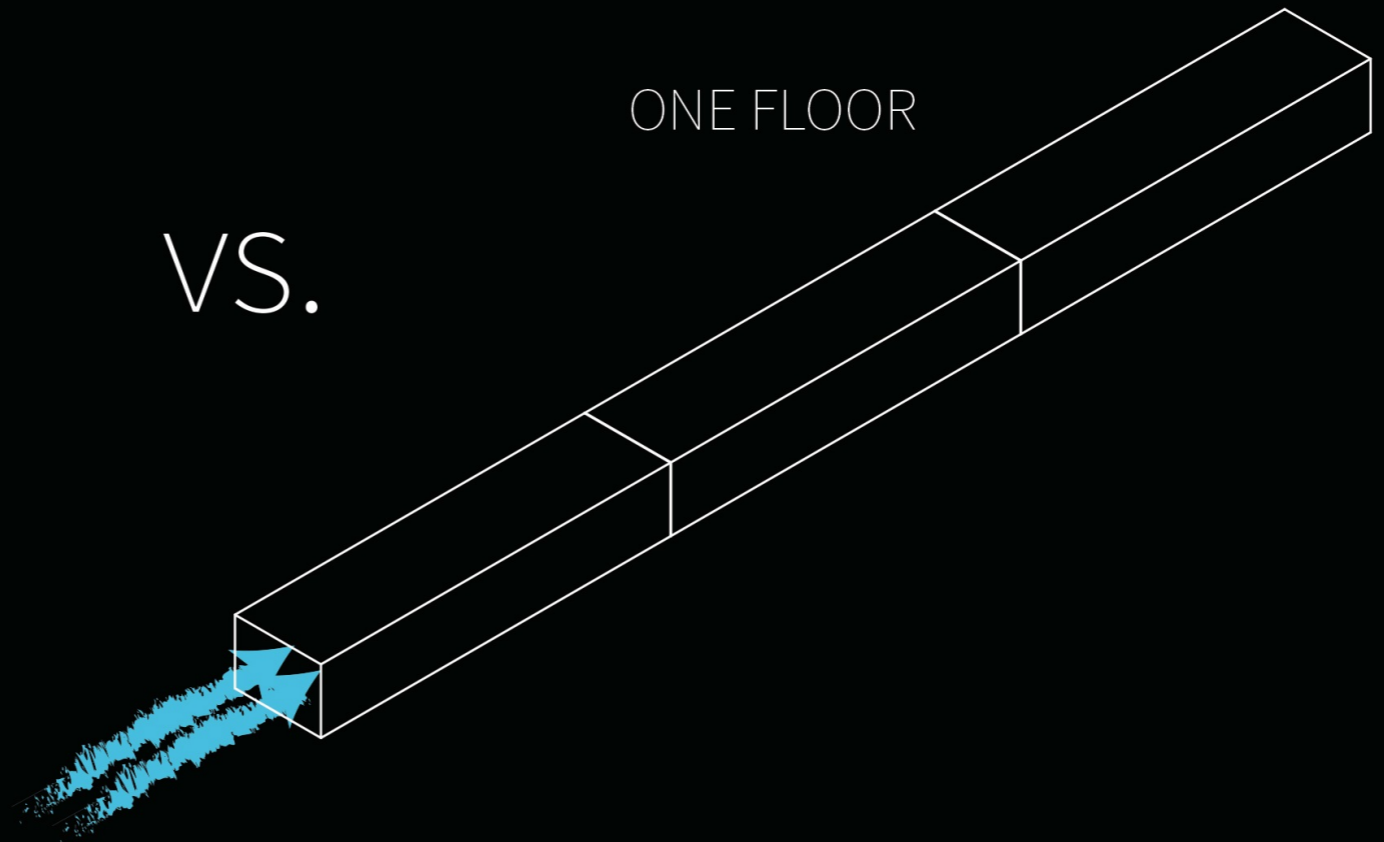
(individual dwelling)

STACKED FLOORS

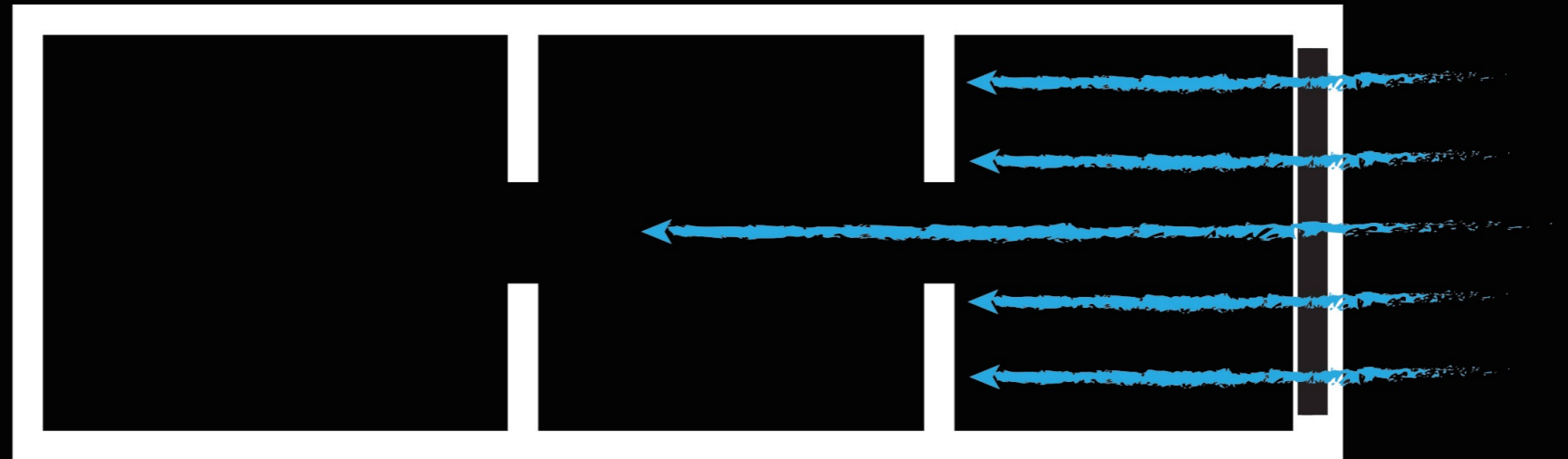


VS.

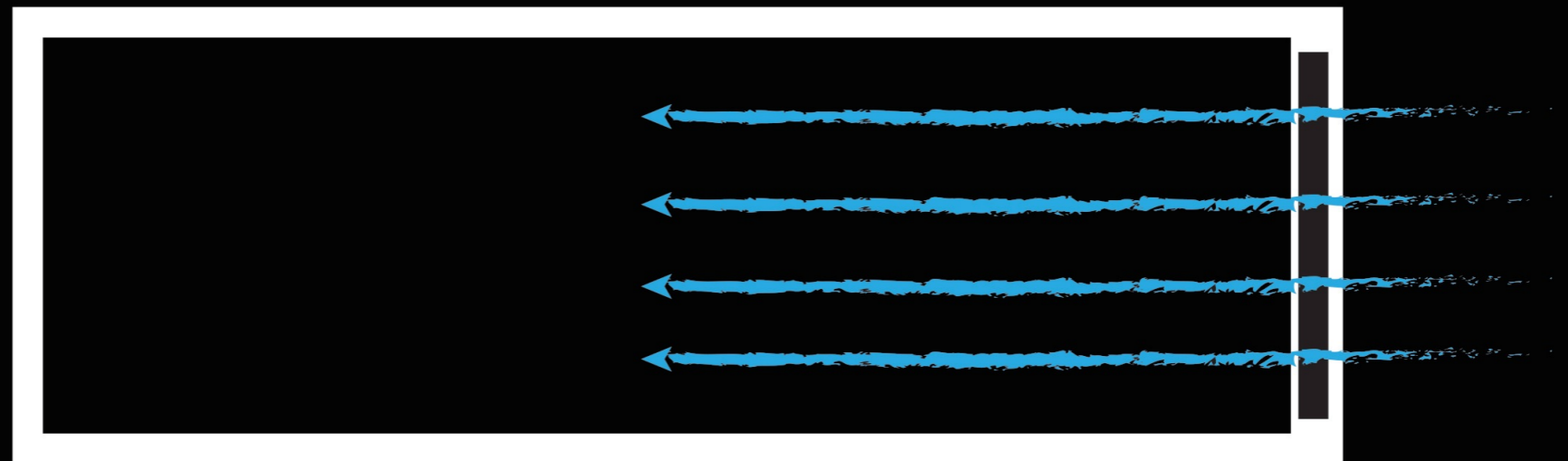
ONE FLOOR



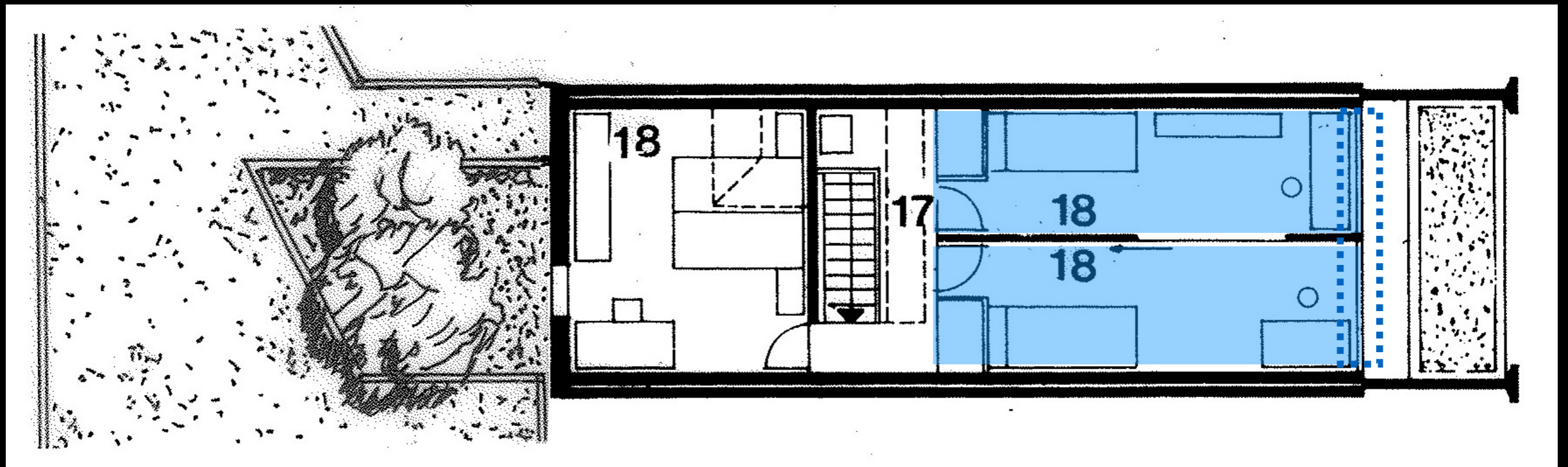
Ventilation in Living Spaces



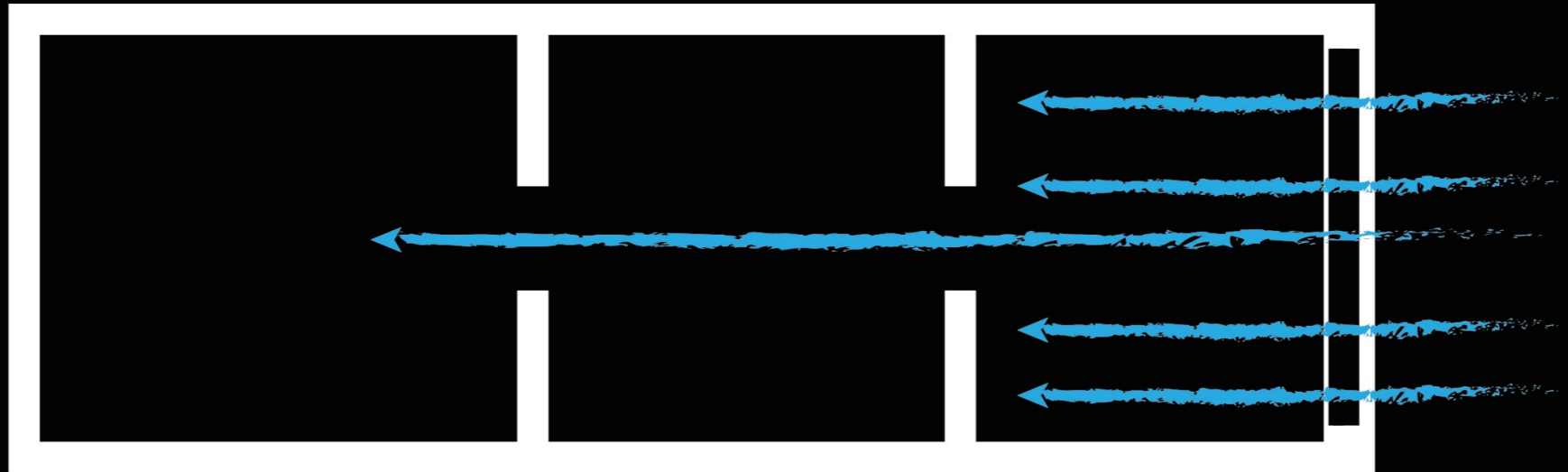
VS.



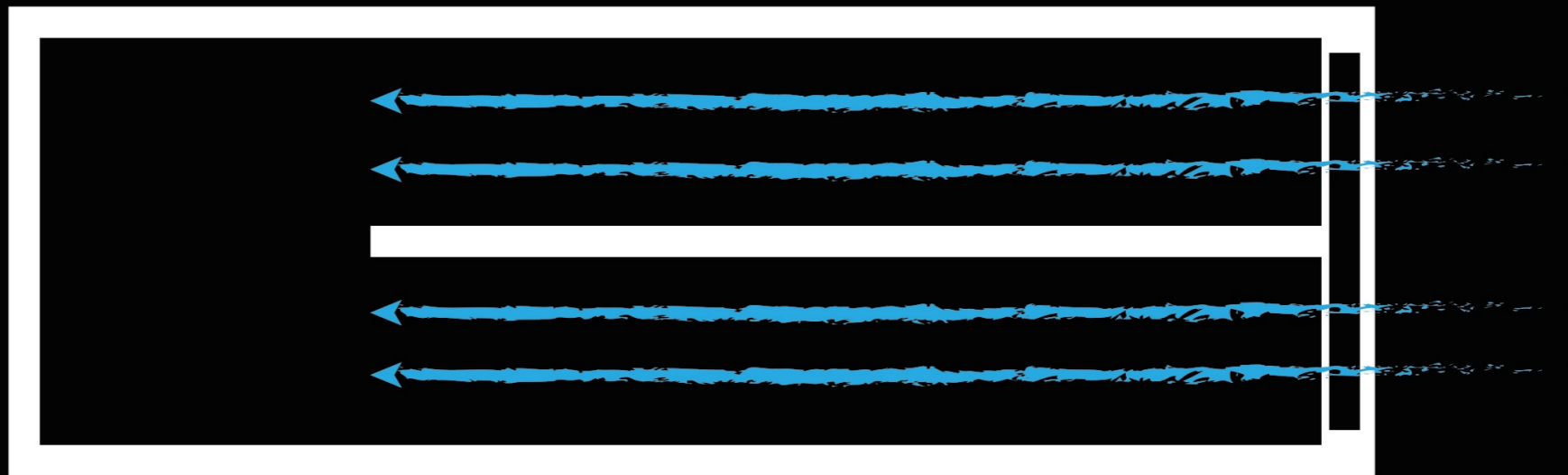
Open concept = more ventilation



Partitioned Widthwise



VS



Long Skinny Rooms

Privacy



Community Space

The communal pool is a popular gathering spot for residents summer



Passageways between dwellings provide circulation through the estate



The estate also includes it's own gas station and underground parking

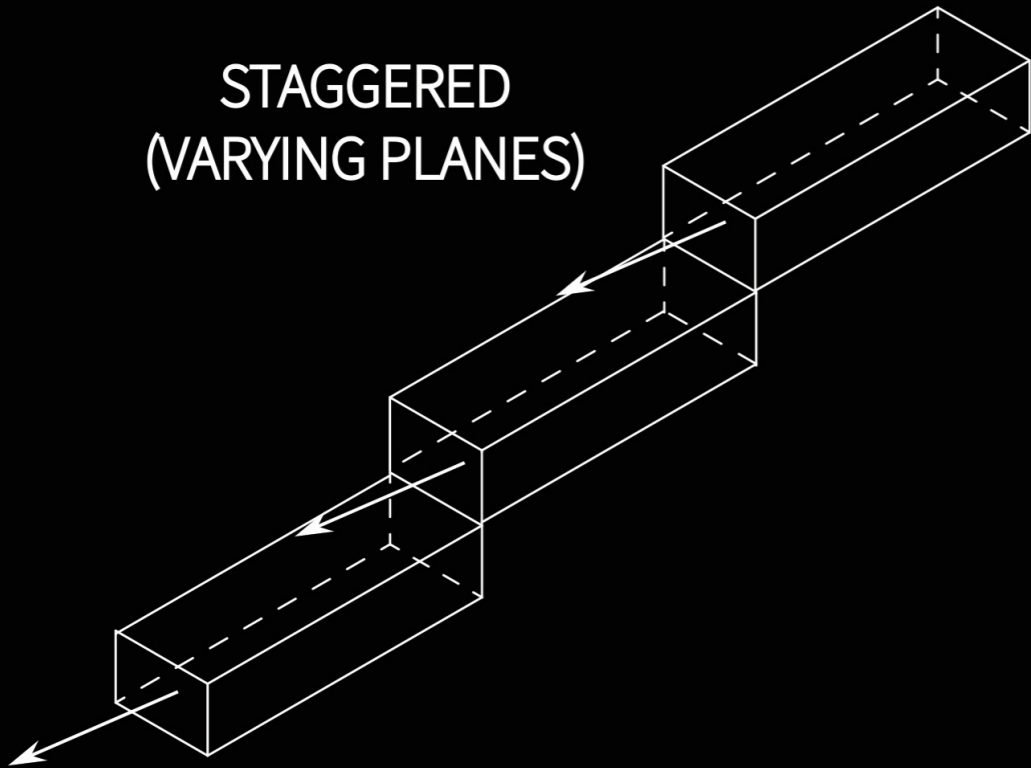


Solar Access

views

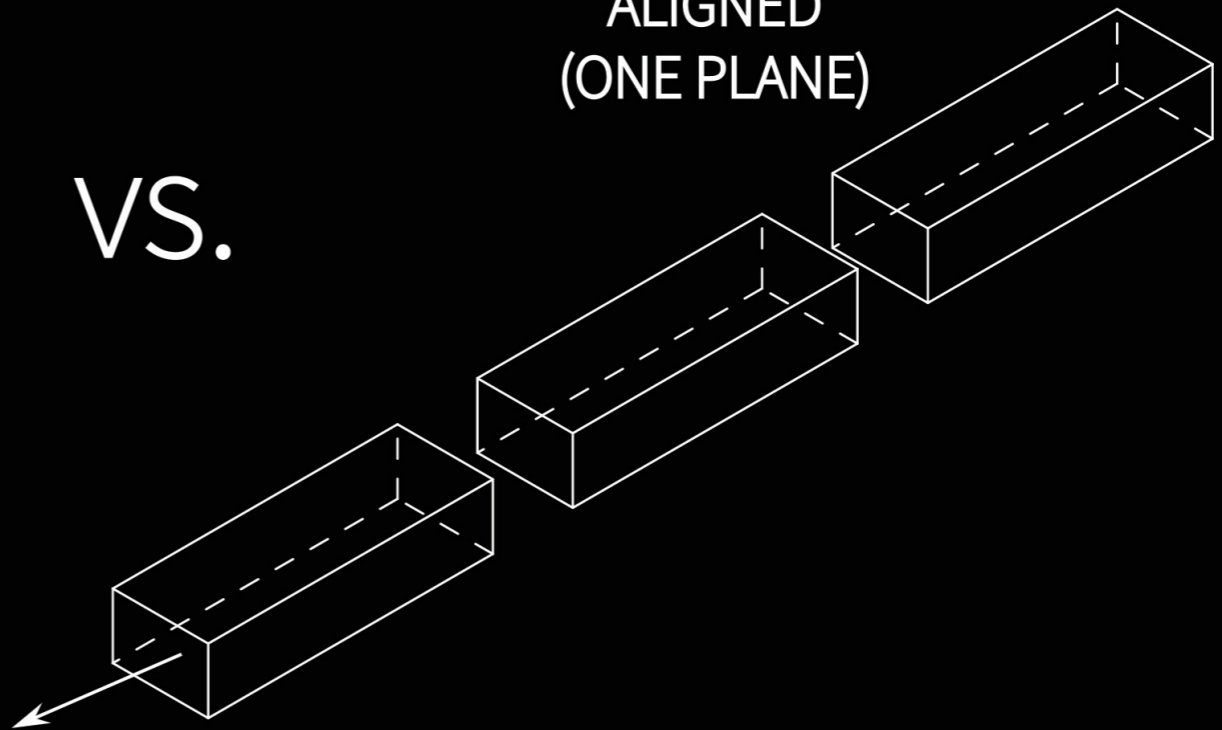
(multiple dwellings)

STAGGERED
(VARYING PLANES)



VS.

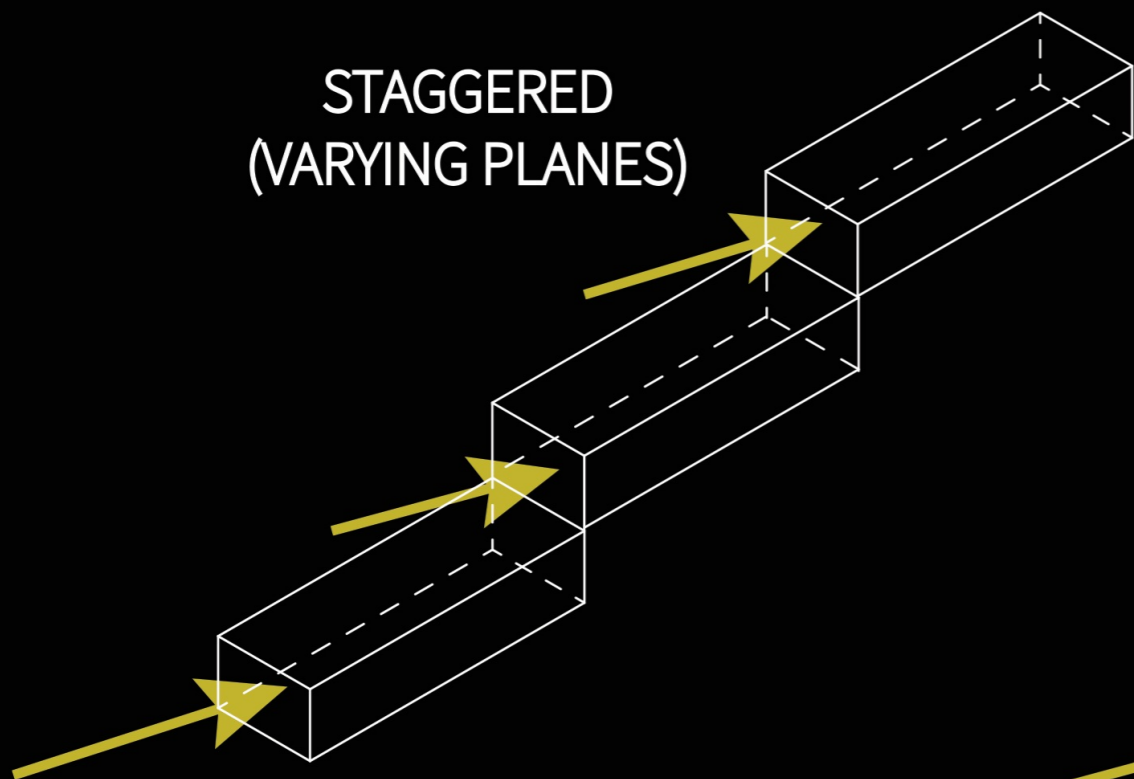
ALIGNED
(ONE PLANE)



light penetration

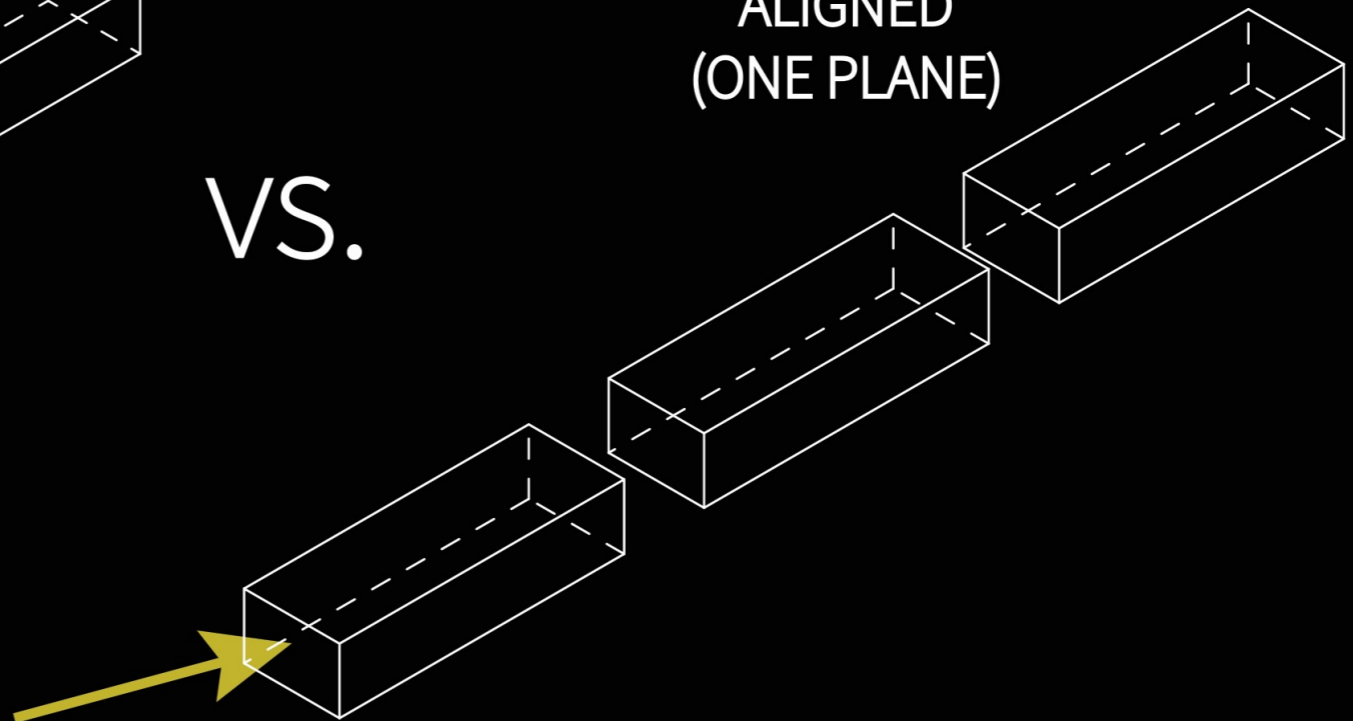
(multiple dwellings)

STAGGERED
(VARYING PLANES)



VS.

ALIGNED
(ONE PLANE)

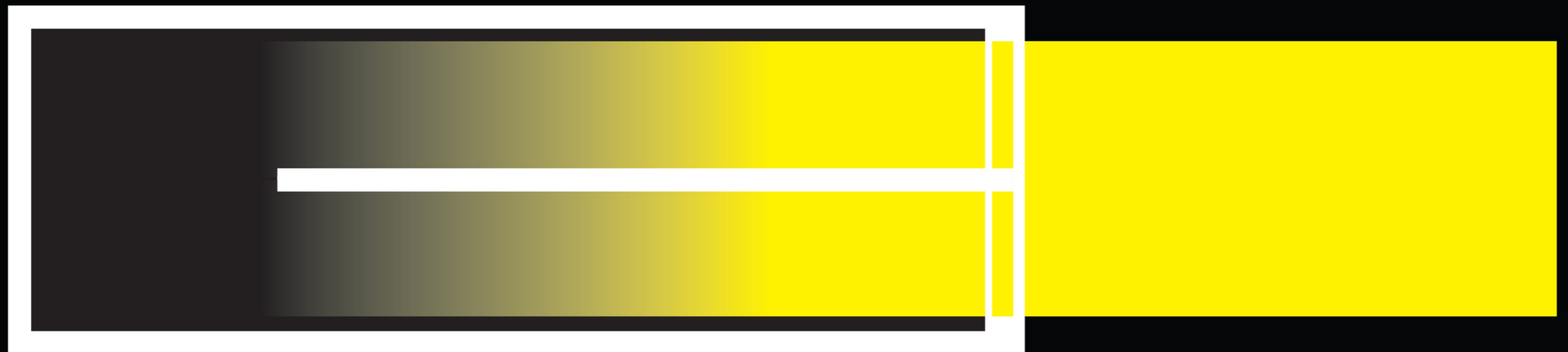


Light Penetration

Partitioned Widthwise



VS.



Partitioned Lengthwise





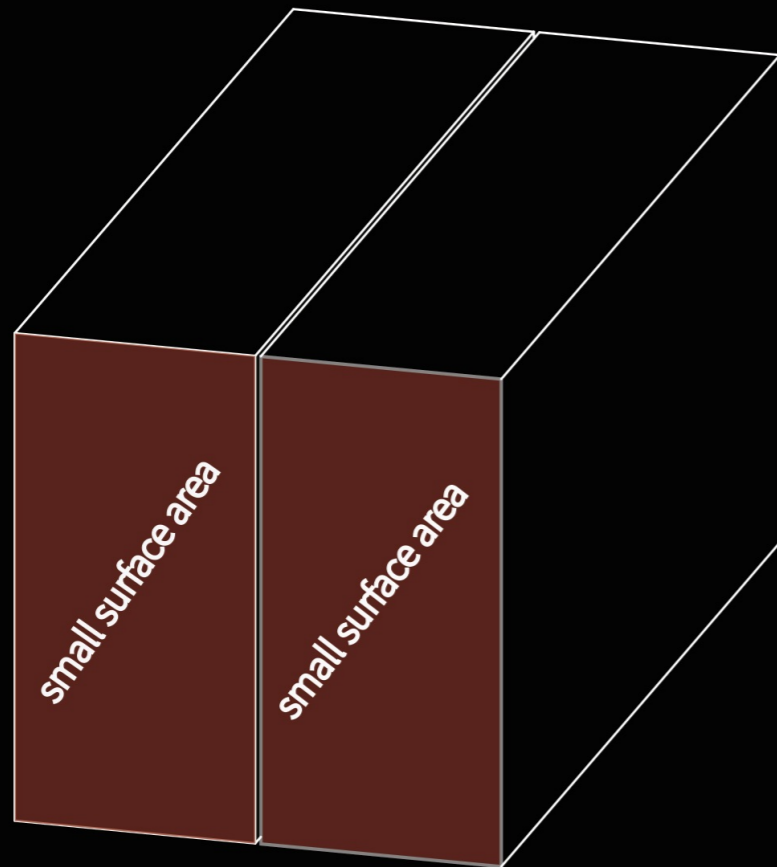




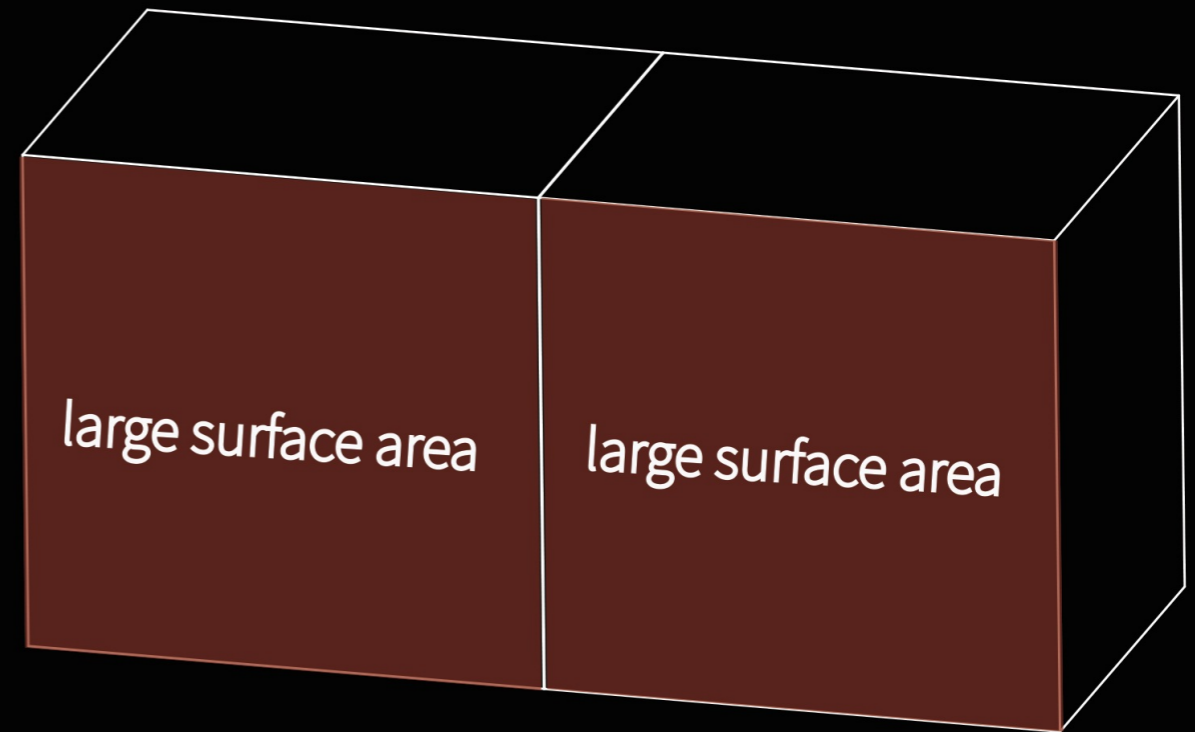


Passive Design

exposed exterior surface area



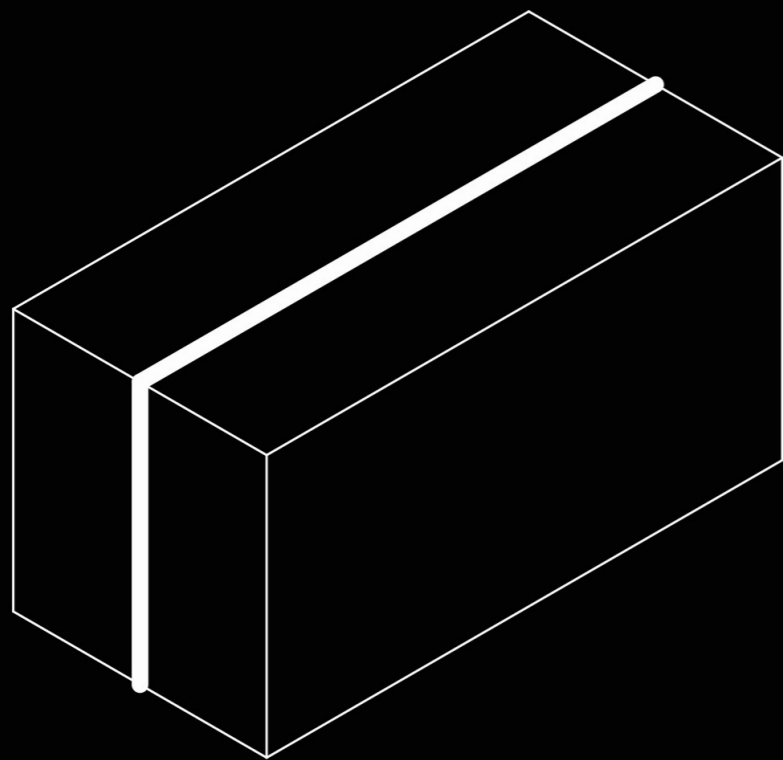
VS.



(equal volumes)

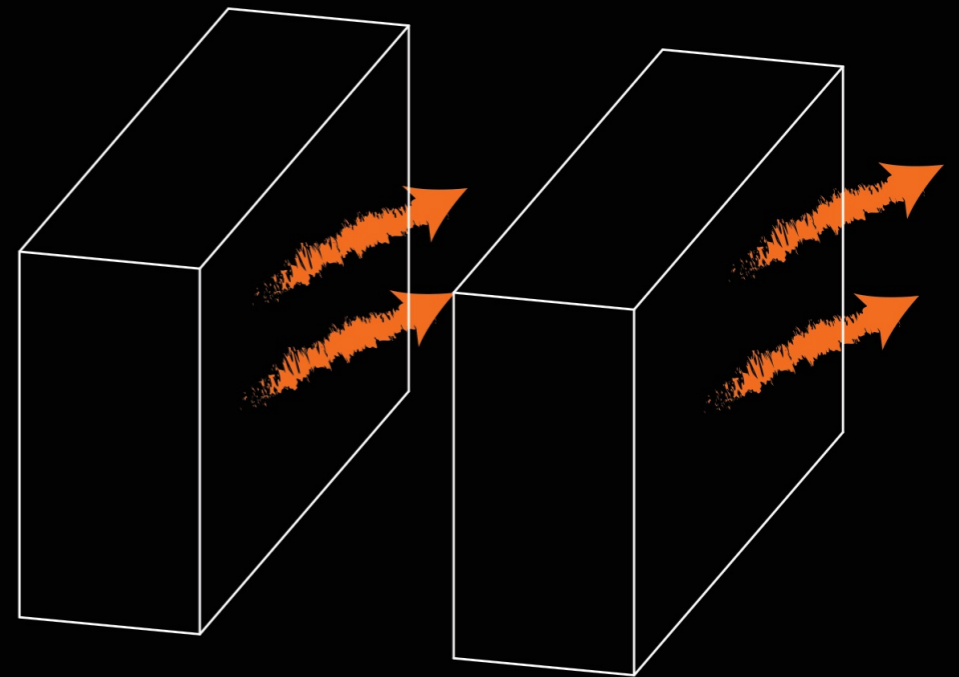
heat retention through shared walls

ROW HOUSING



VS.

DETACHED HOUSING



(heat escapes!)



50 years of family



A few words from current residents...





"You open the door and [the children] go out and play– there's always things for them to do and people for them to be with and you feel safe."

– Steve Walker, House 44







"Life in a well-equipped community is cheaper. you might have small rooms in your home, but most of your time, particularly for children, is spent together in communal areas."

– Fritz Thormann (Atelier 5), House 53



"The balance of social and private lives works perfectly. In summer people take food outside and eat together. It's the most communicative environment I've lived in."



– Bernhard Egger and Christof Huber, House 75

"It has achieved what so few other estates managed: to provide quality of life for so many people while taking up so little space on the ground. It affords total privacy and social community as you wish."



– Urs Heinberg, House 15



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