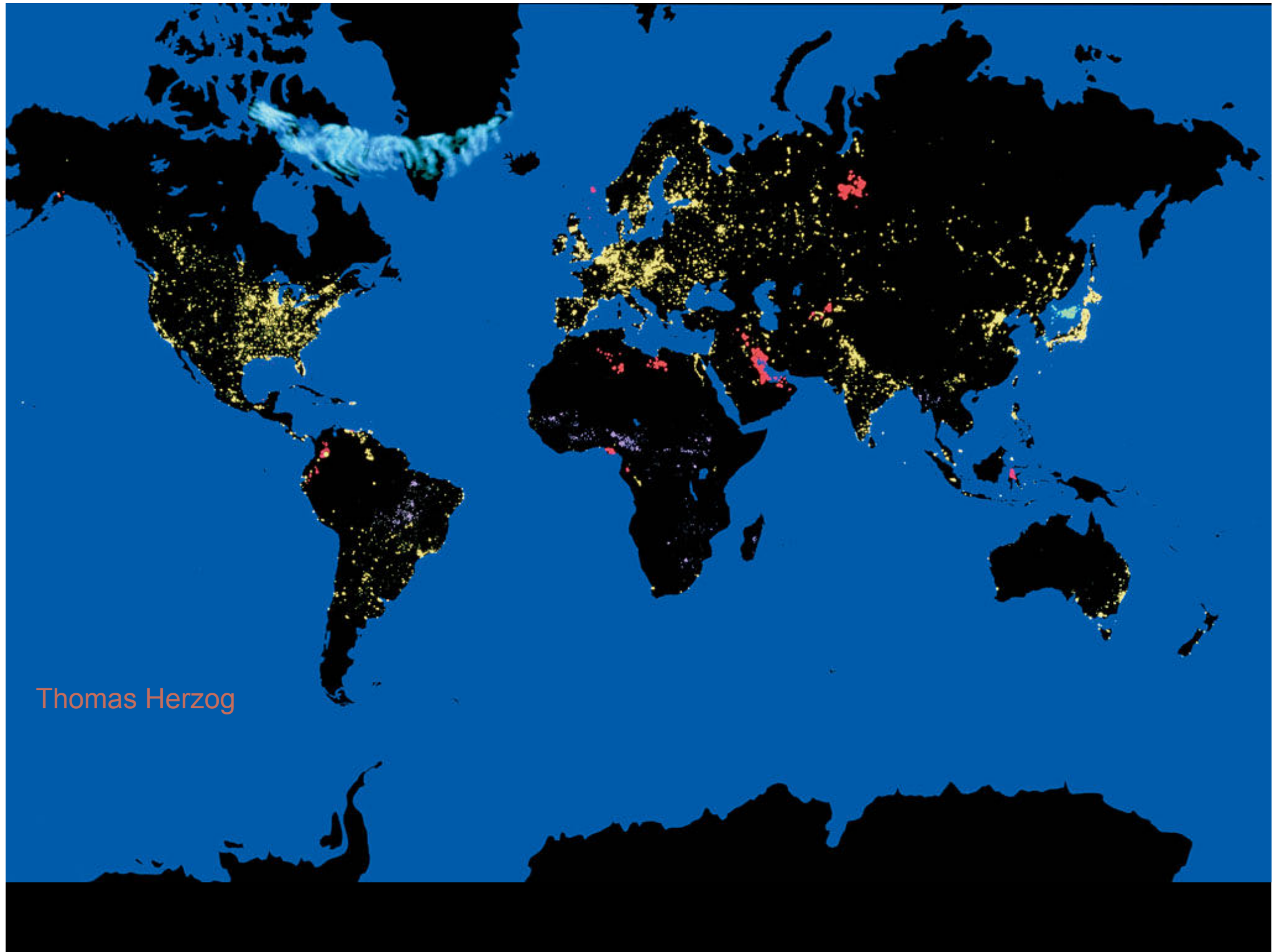
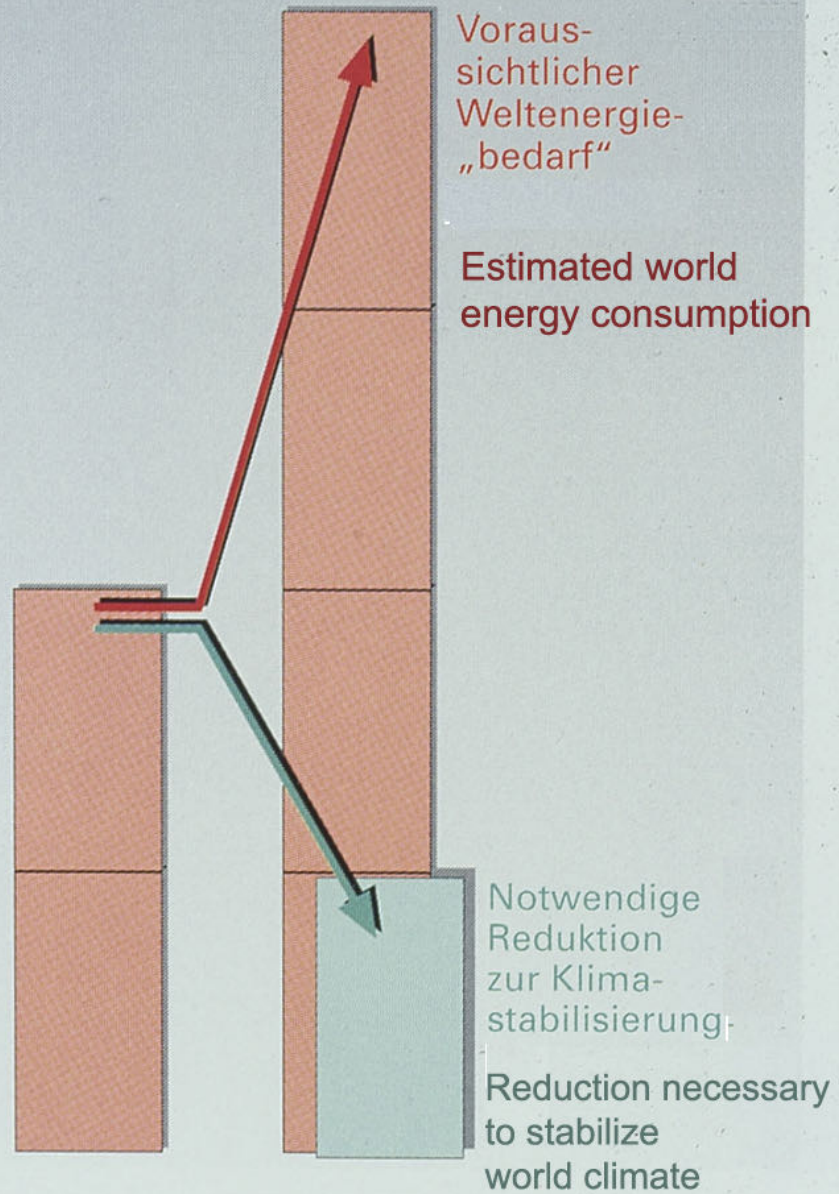




Thomas Herzog

CO₂-Emissionen CO₂-Emissions

1990 2040

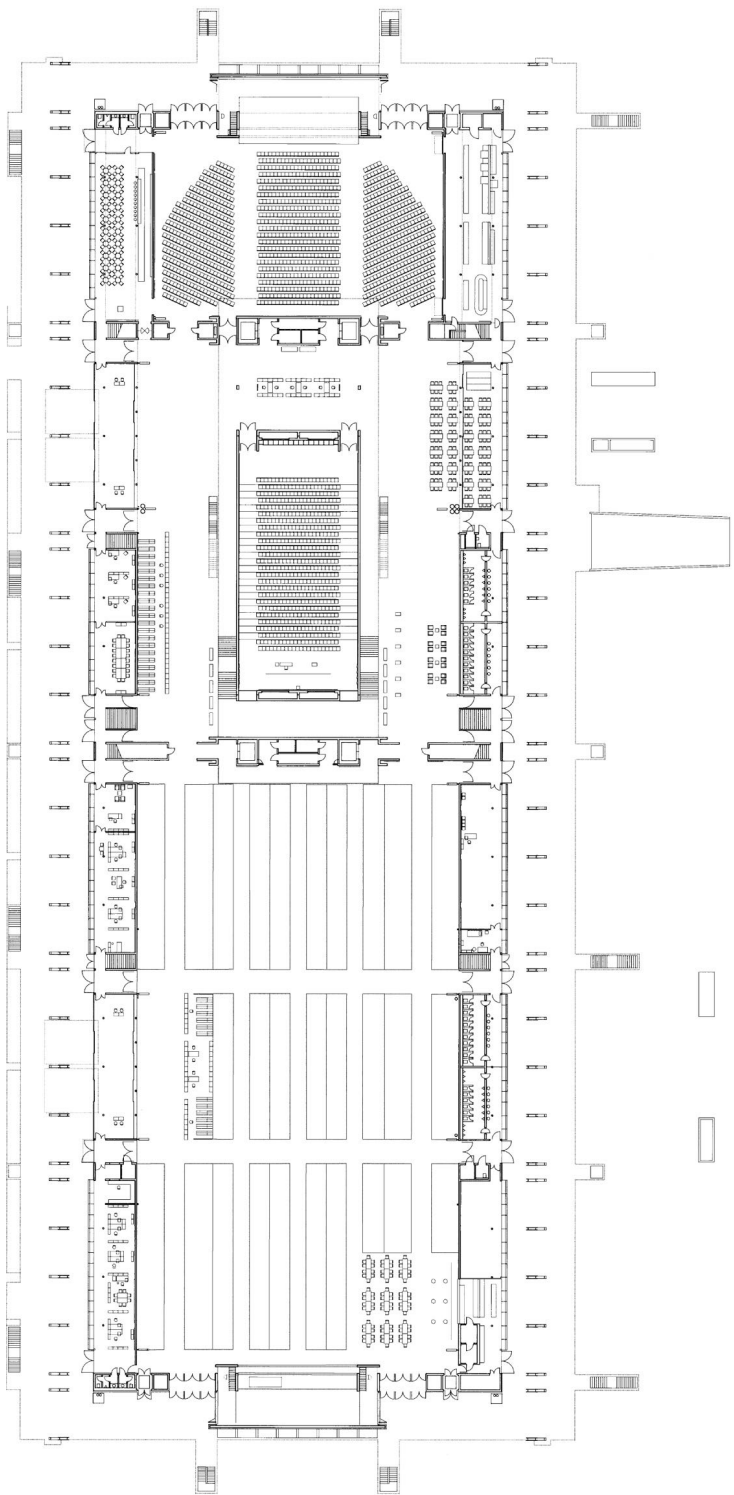


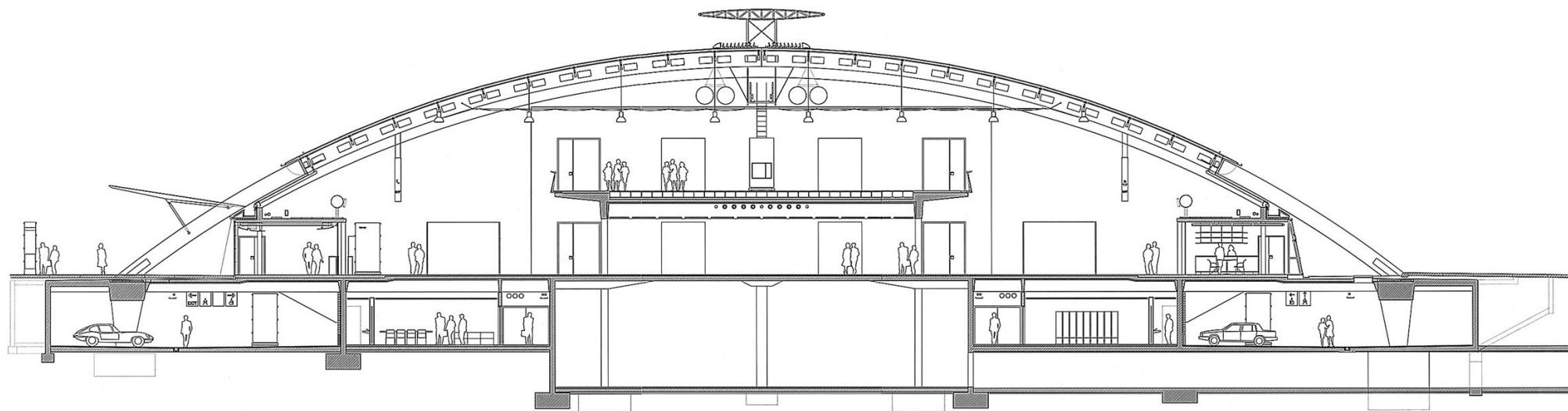


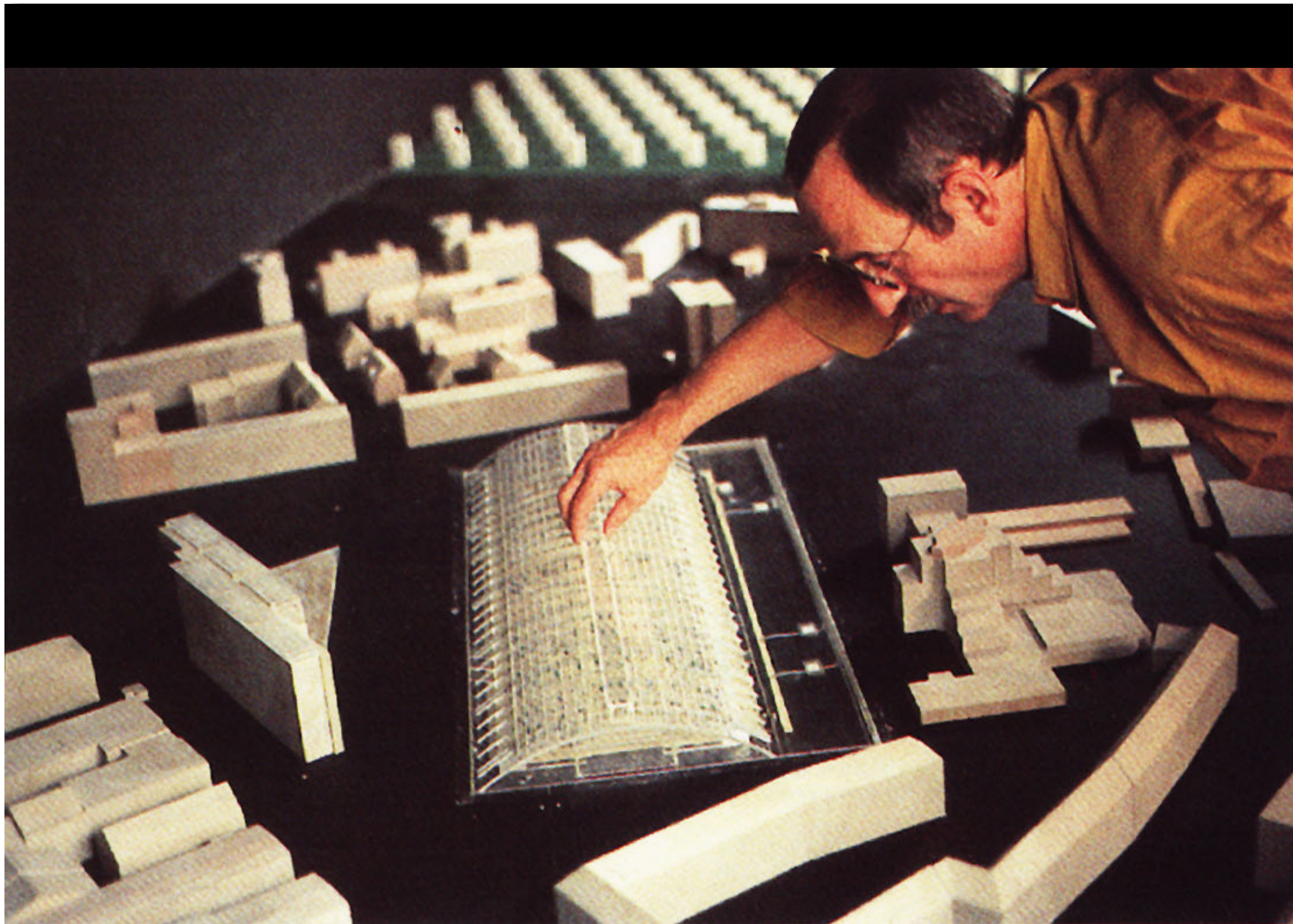
Design Center

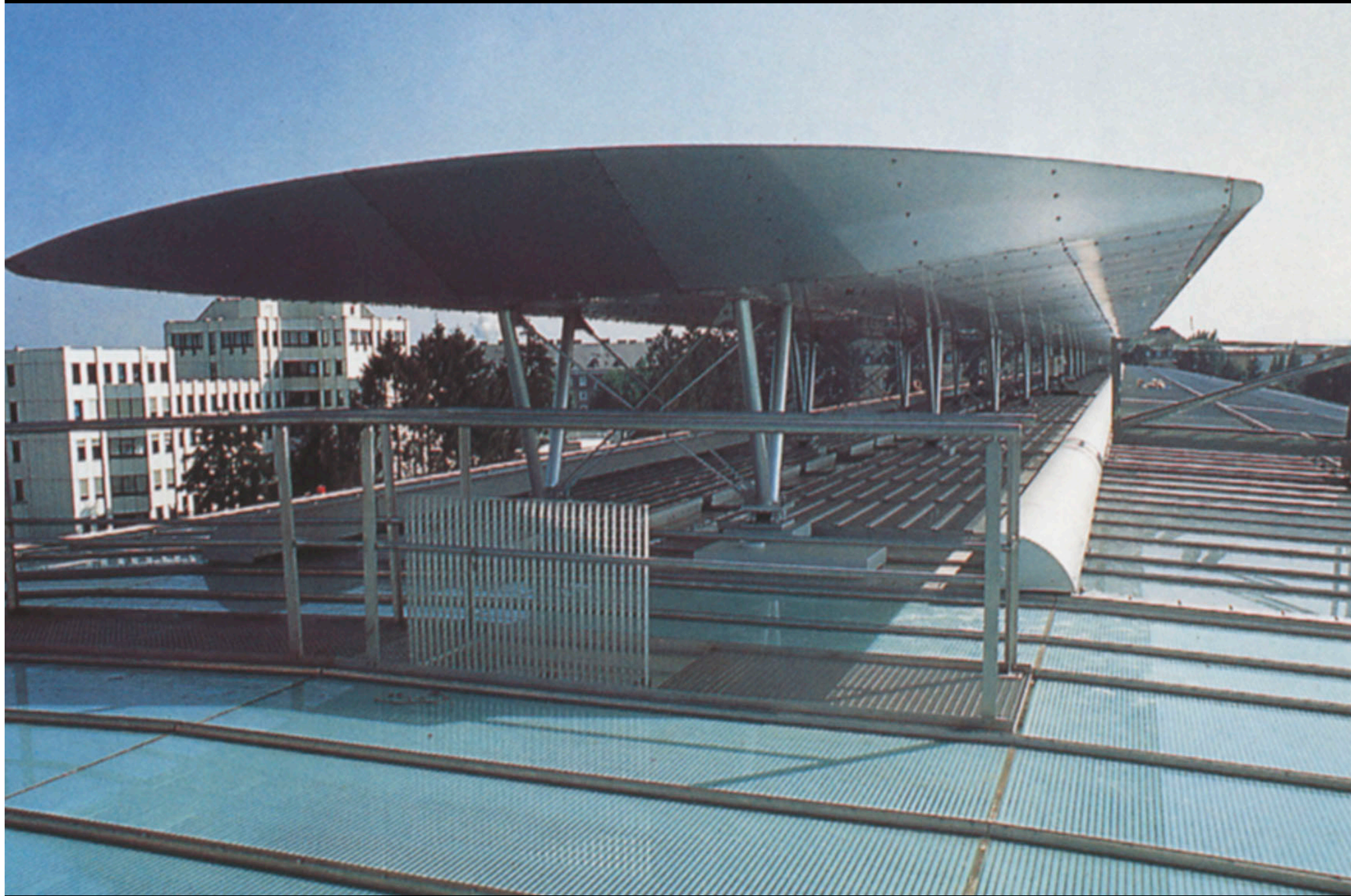
LINZ 1989 - 1993



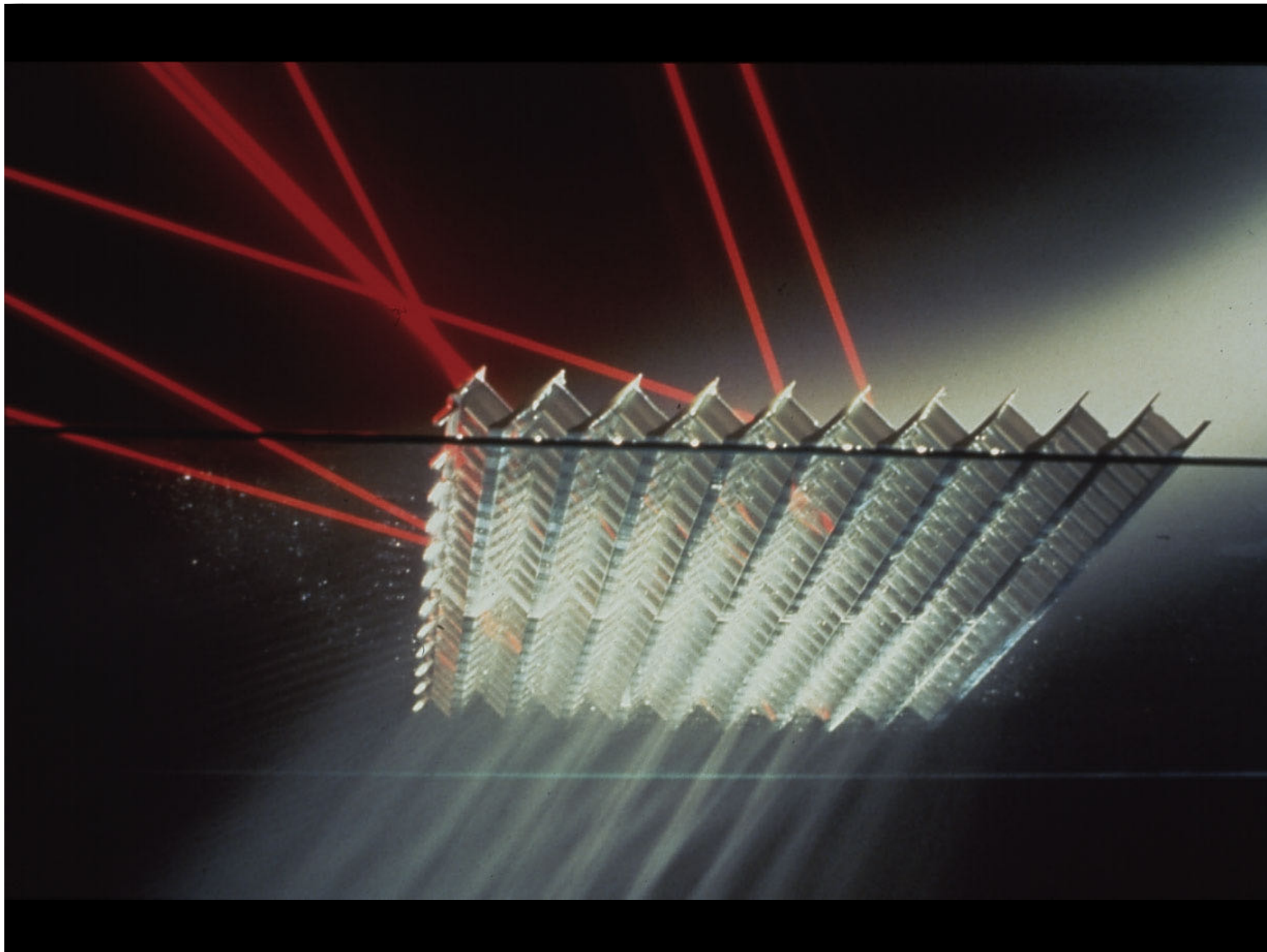












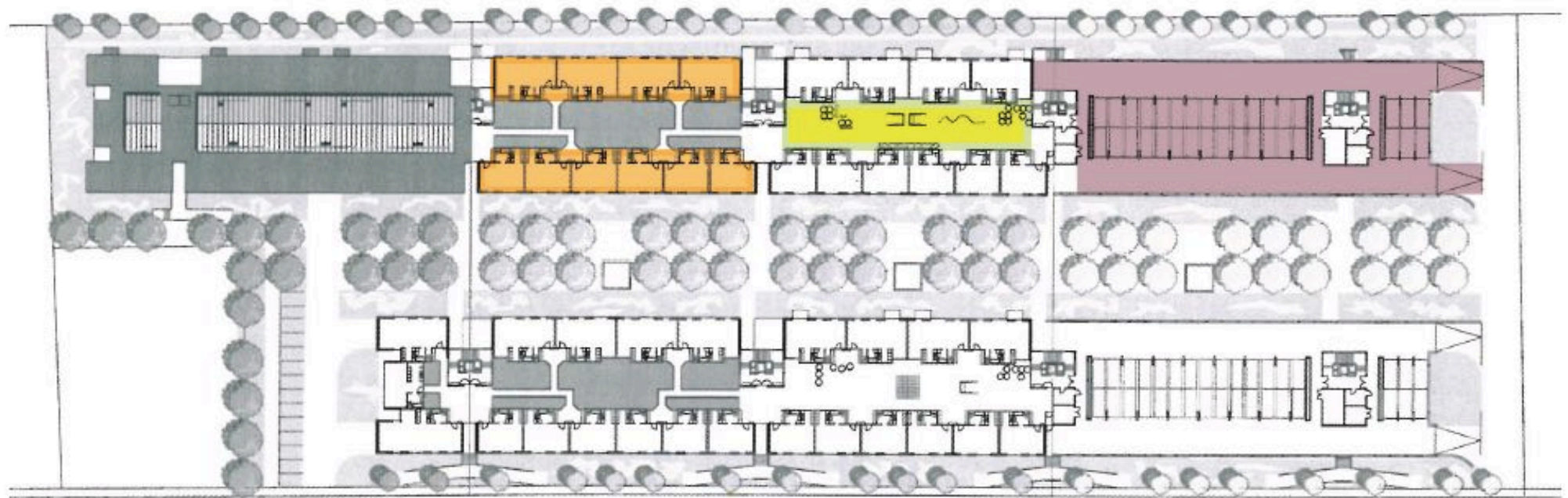












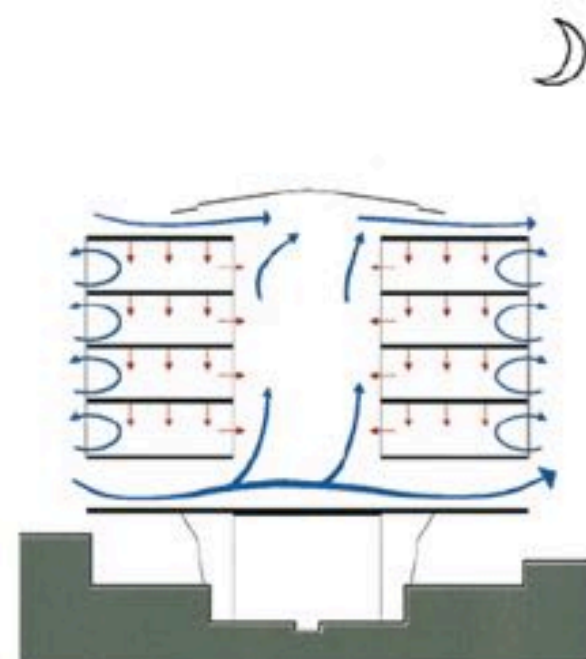
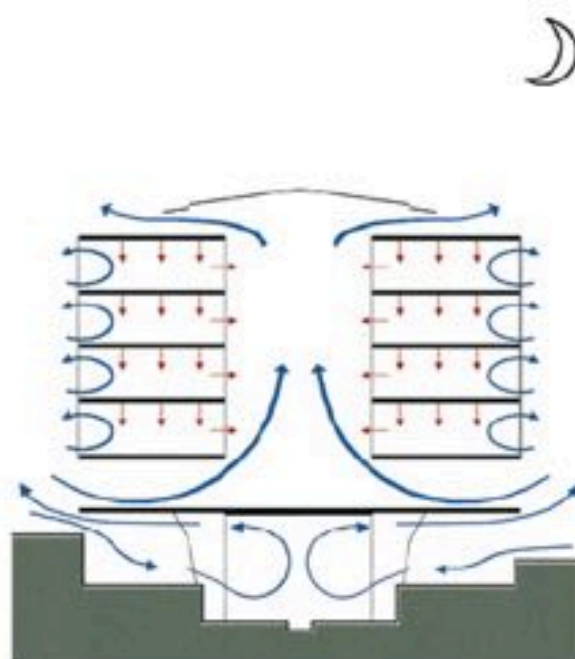
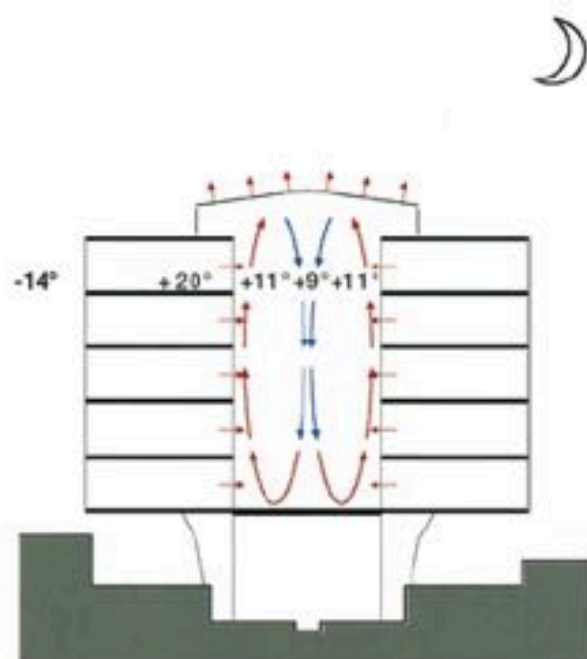
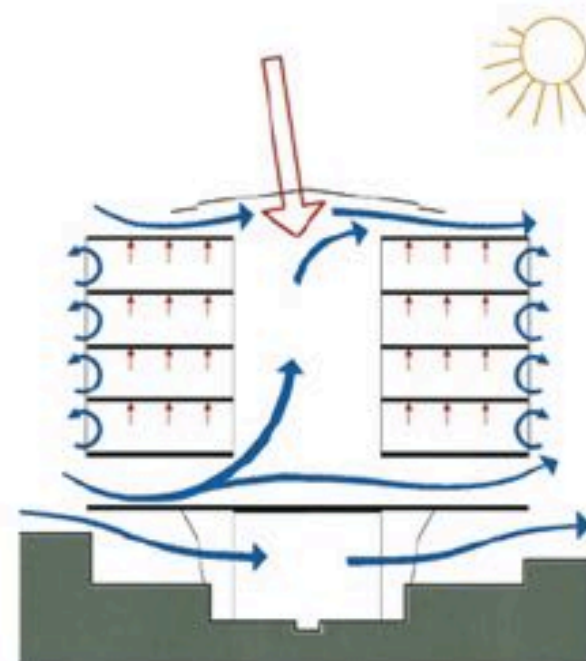
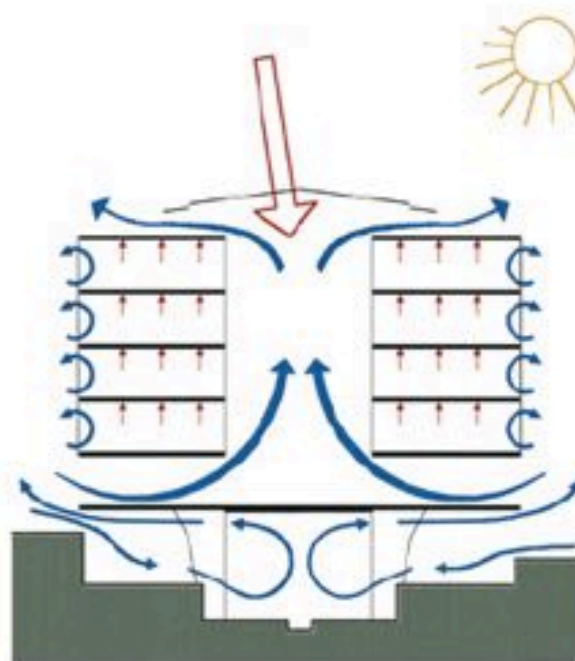
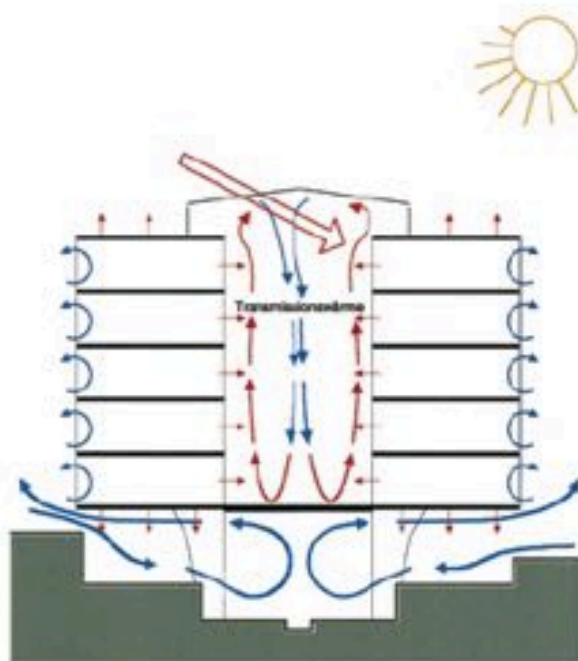
Dachaufsicht
Plan of roof

Obergeschoss
Upper floor plan

Erdgeschoss
Ground floor plan

Garage
Garage level

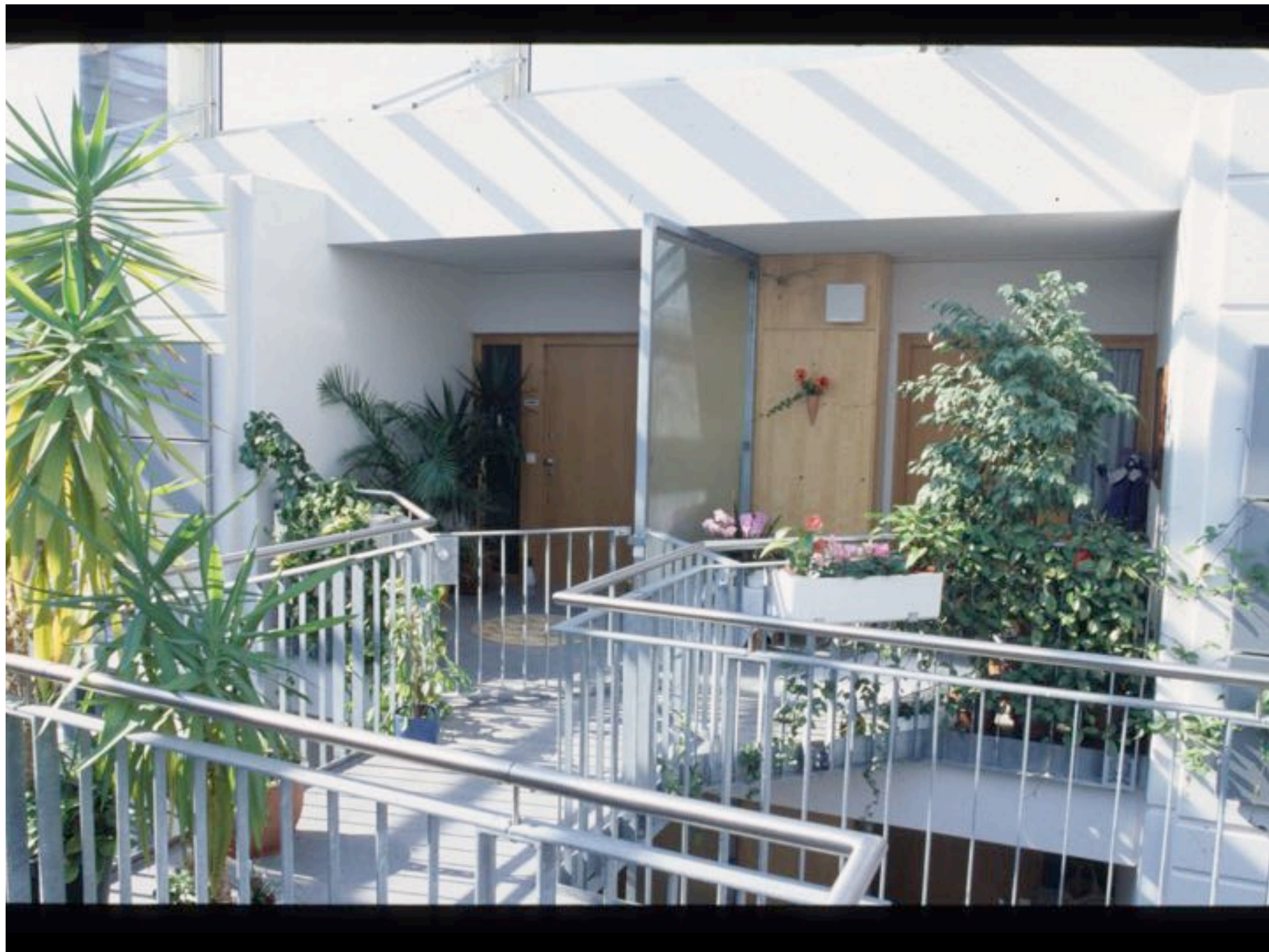














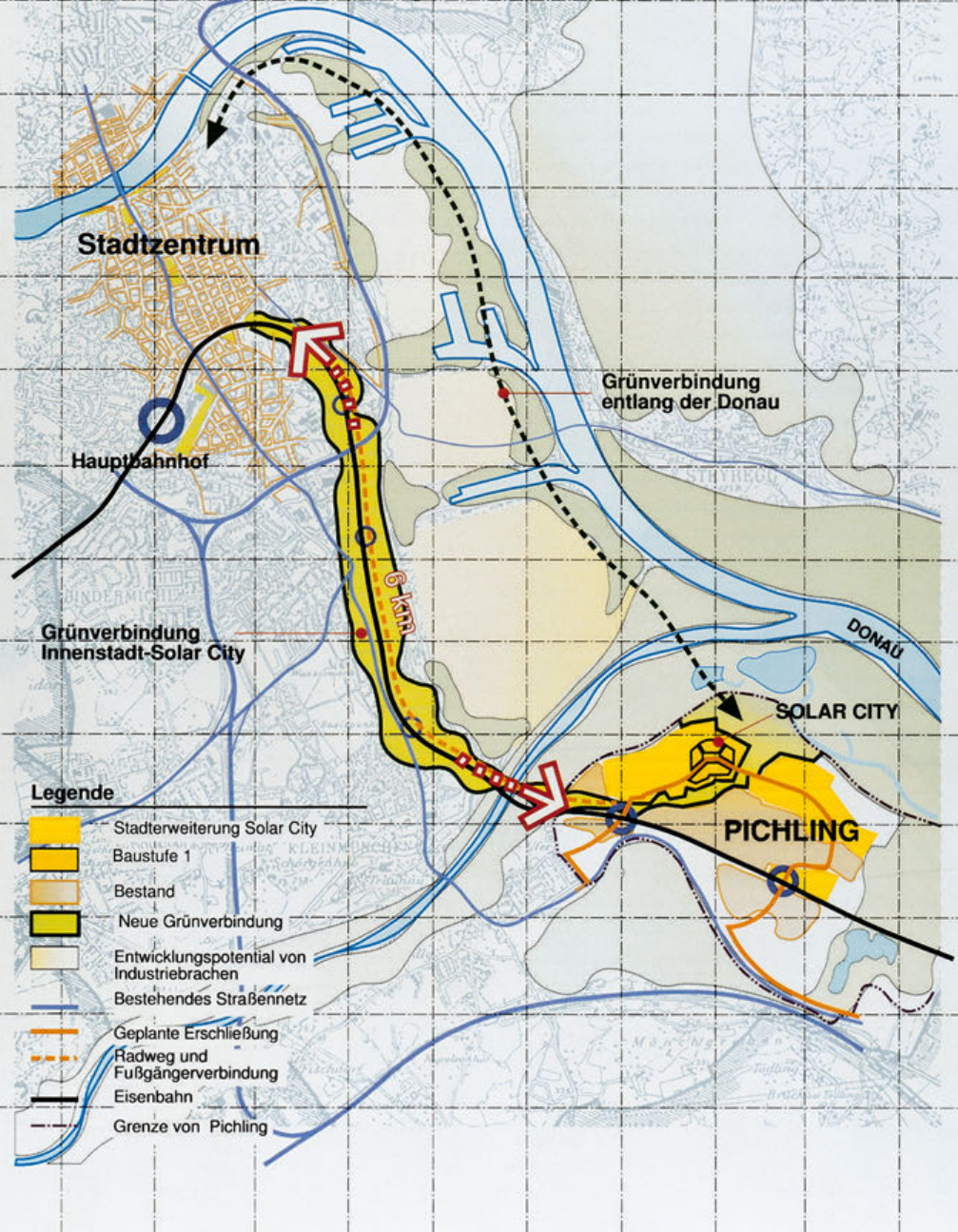
Solar City Pichling

LINZ AB / SINCE 1995

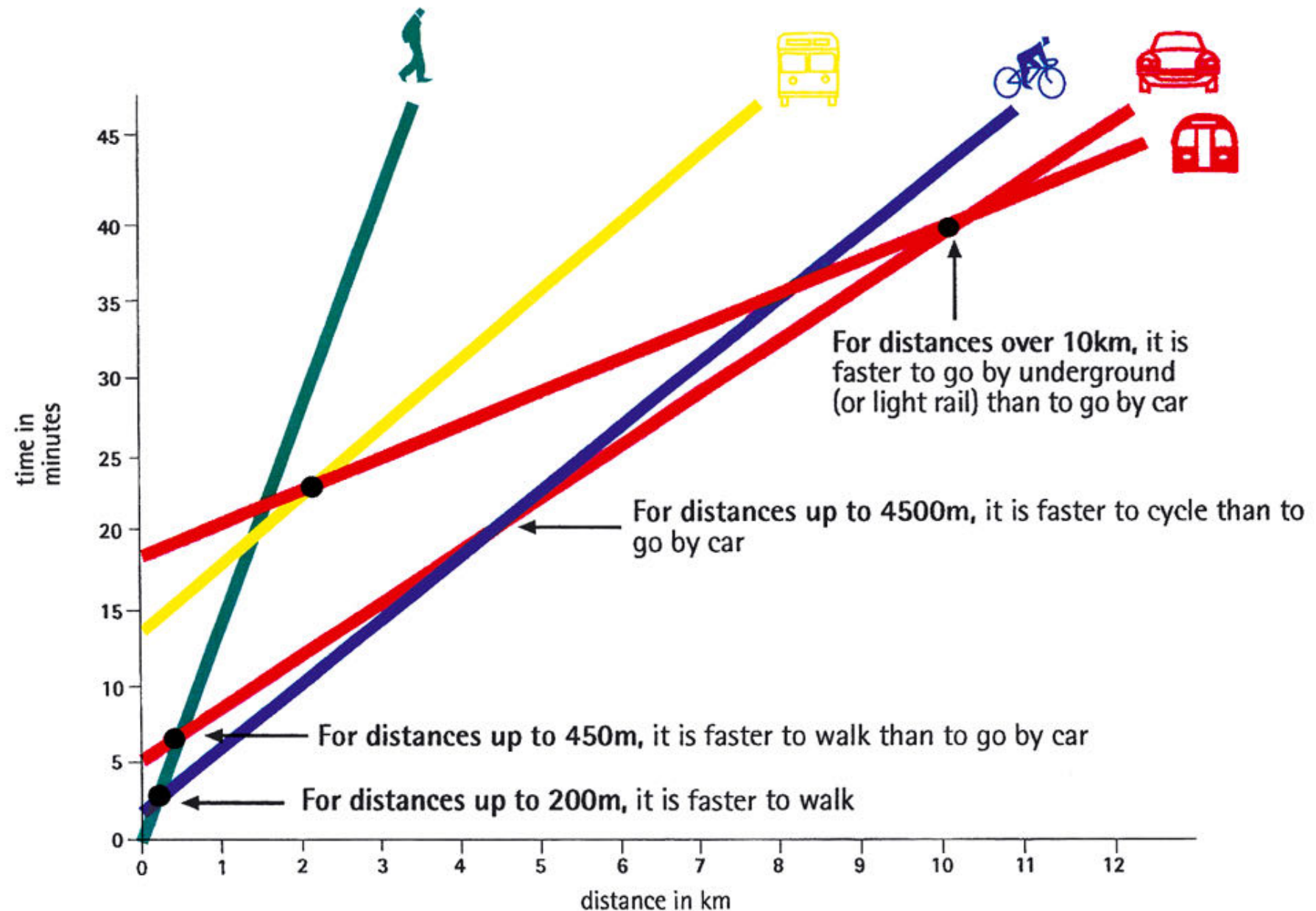


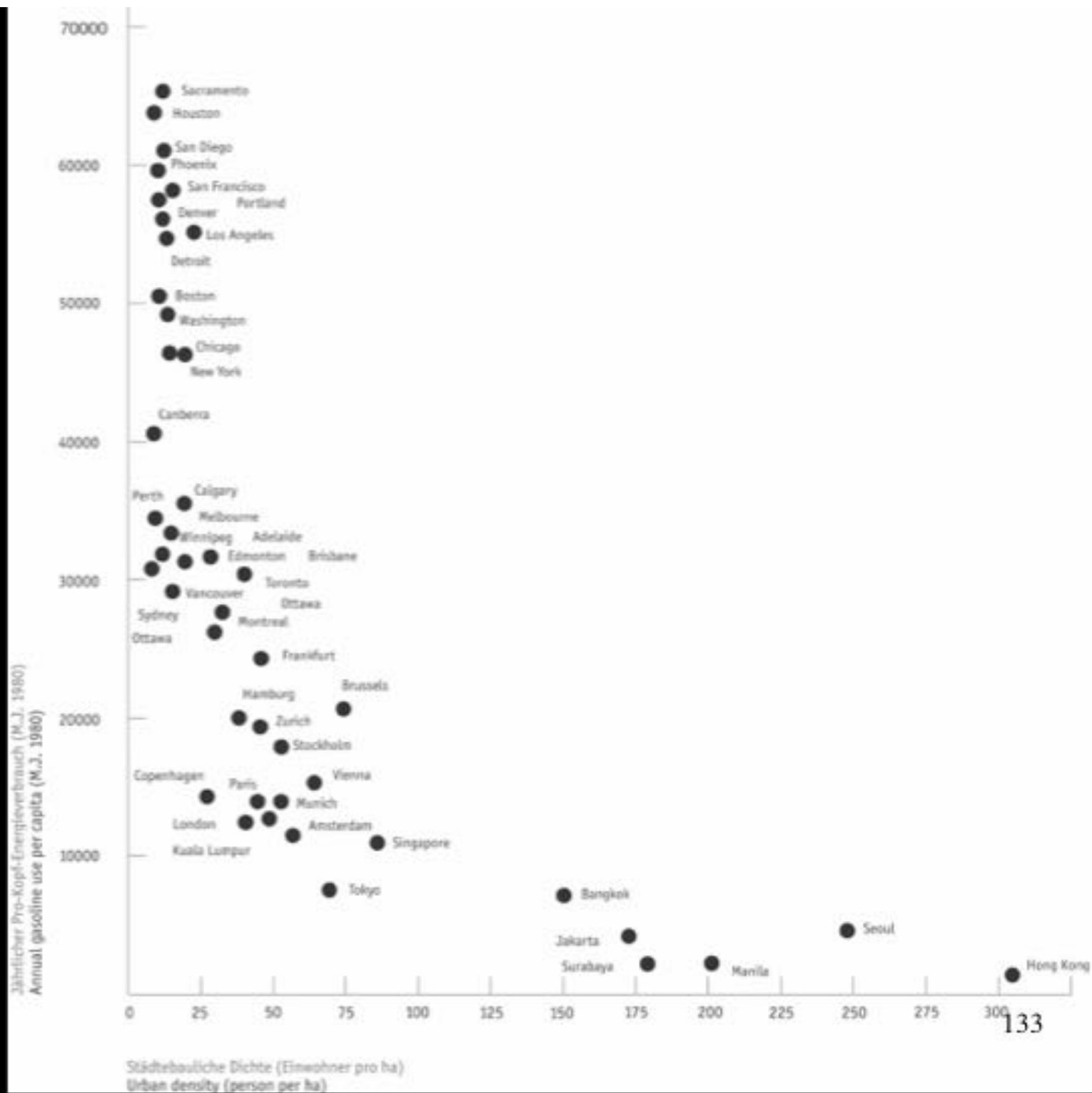
Solar City Linz

Städtebauliche Integration



Travel Times for Different Modes of Transport in Urban Areas, from Door to Door





Cities with separate function	Cities with multiple function
(Houston, Detroit, Los Angeles ...)	(Stockholm, Munich, Paris ...)

approx. values

approx. values

24	inhabitants / hectar	330
20	workplaces / hectar	210
680	cars / 1000 inhabitants	250
360	passengers-km with public transport	2500
9 %	workers (public transport)	52 %
4 %	workers (foot or bycicle)	24 %
90	vehicles / street per km	250
53`000 MJ	energy consumption per person	8`600 MJ

elaborated by READ group 1995

Space Required by One Person Using Different Modes of Transport at Different Speeds



Pedestrian

0.8 M² required for a speed of 5km/hour



Bicycle

3 M² required for a speed of 10 km/h



Light rail or underground one third full

6.9 M² required for a speed of 30 km/hour



Bus one third full

28.1 M² required for a speed of 30 km/hour



Car with driver only

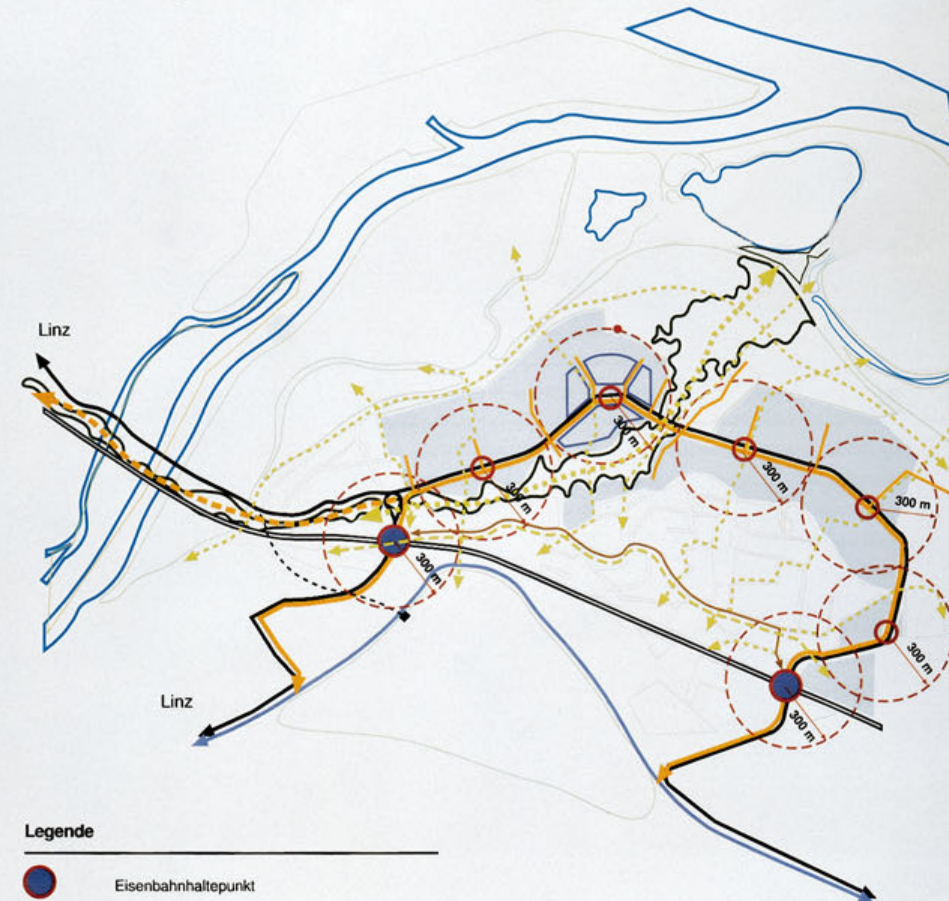
46 M² required for a speed of 30 km/h





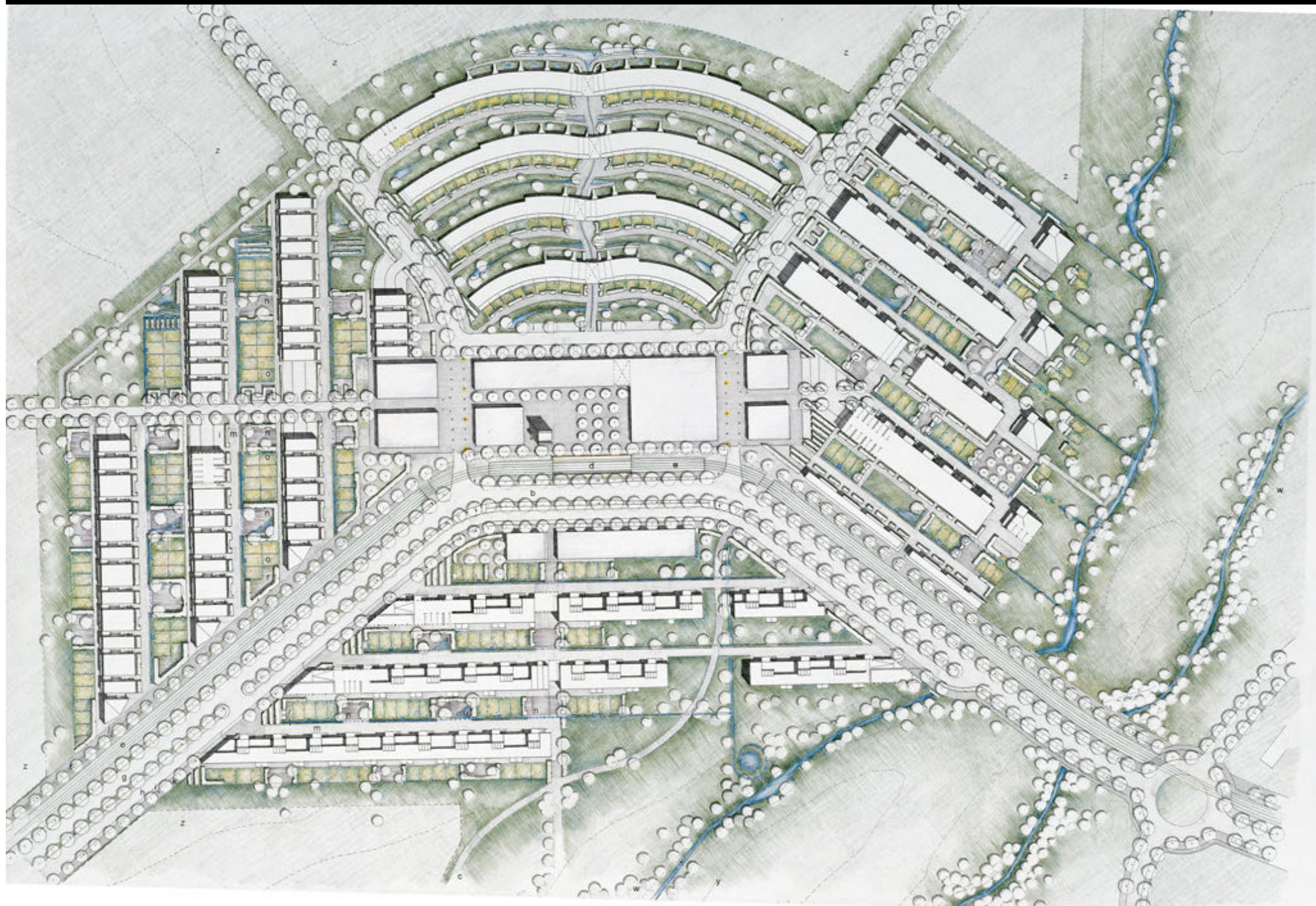
Solar City Linz

ein integriertes Verkehrssystem



Legende

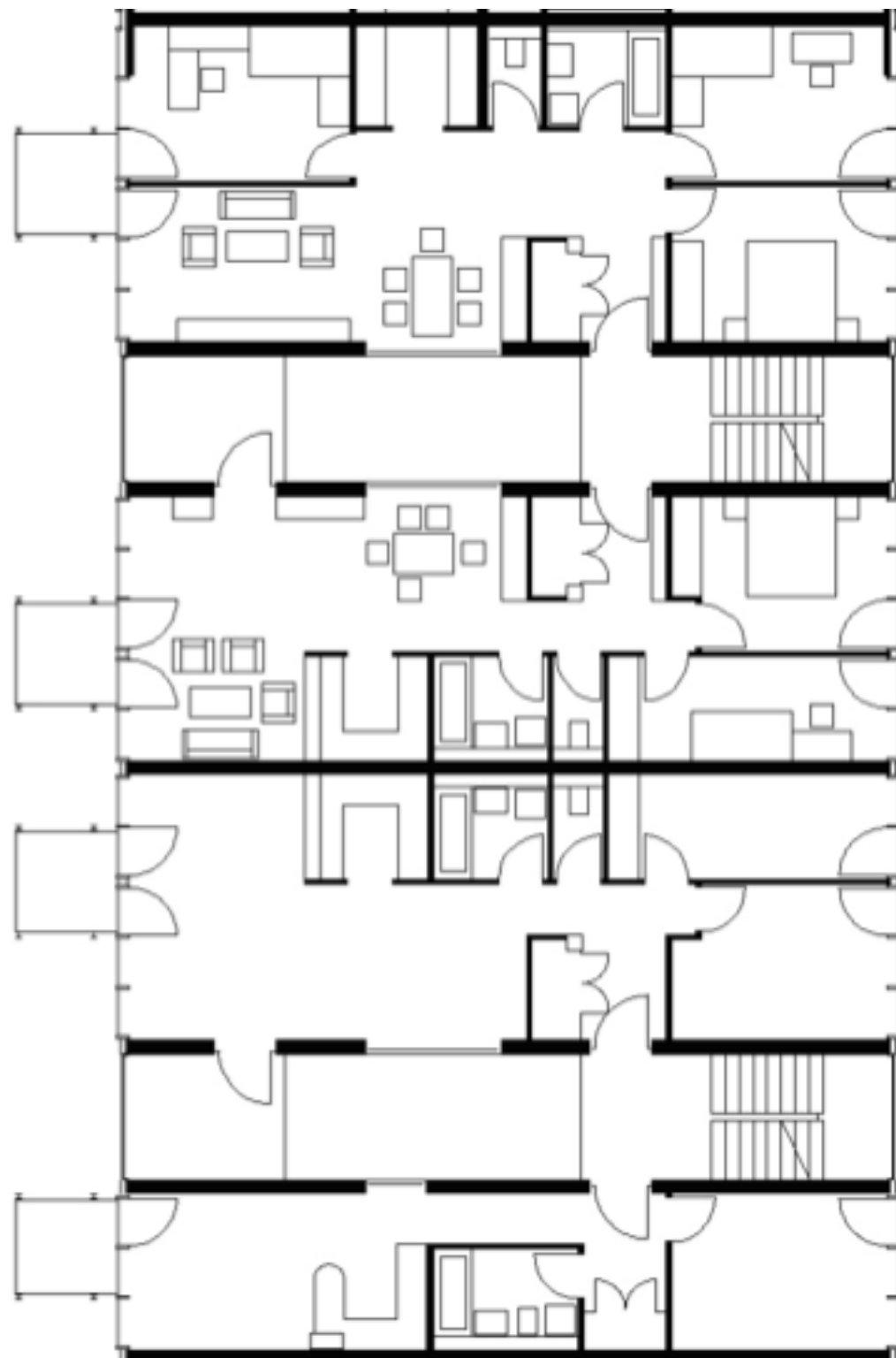
-  Eisenbahnhaltepunkt
-  Bus- oder Straßenbahnhaltestelle
-  Boulevard als Haupteerschließung des neuen Stadtteils
-  Erschließung der einzelnen Nachbarschaften
-  Straßenbahn
-  bestehendes Straßensystem
-  Fahrrad- und Fußwegeverbindung Innenstadt-Solar City
-  Fahrrad- und Fußwegeverbindung zur Umgebung
-  Eisenbahn
-  Busverbindung





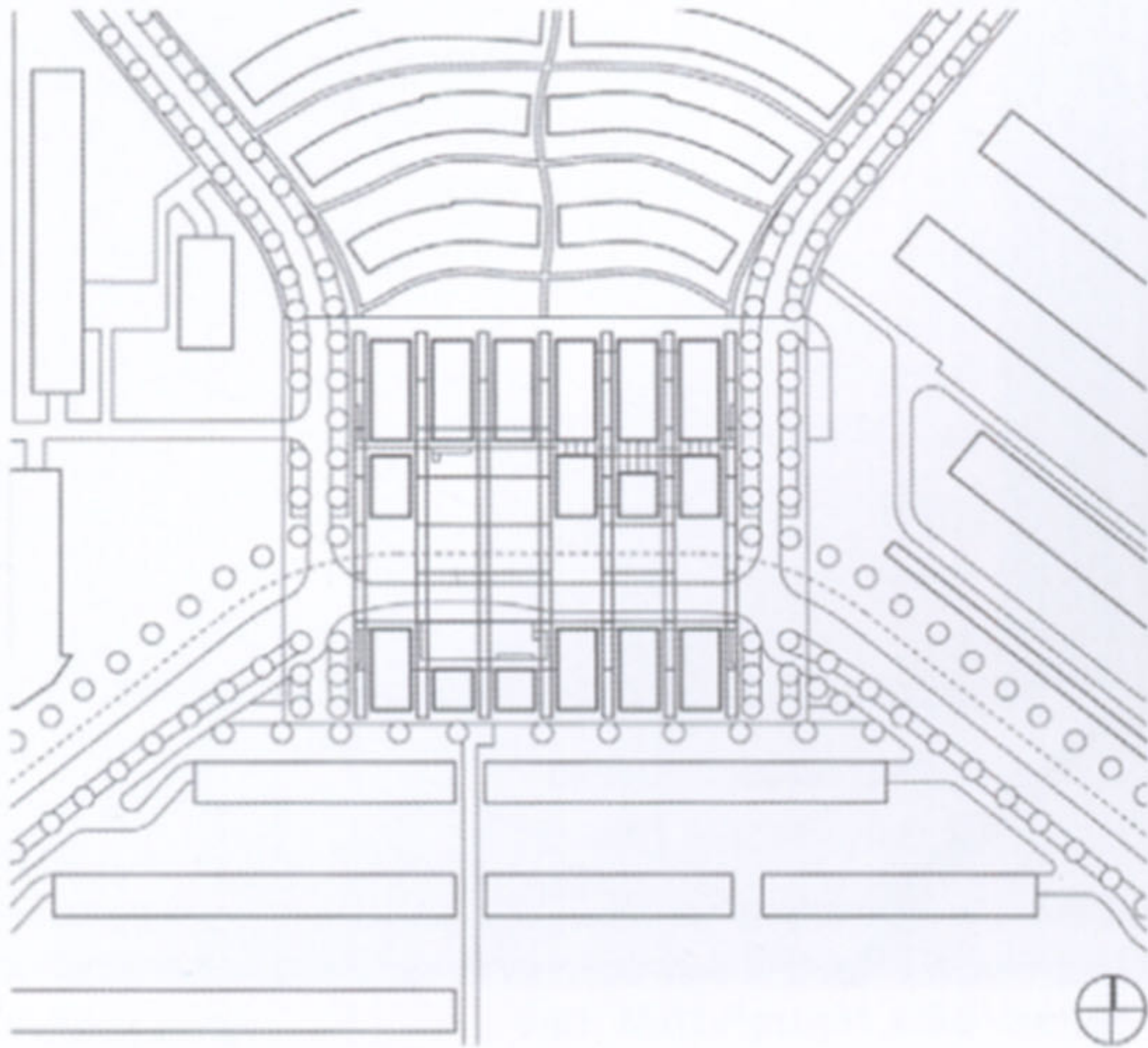






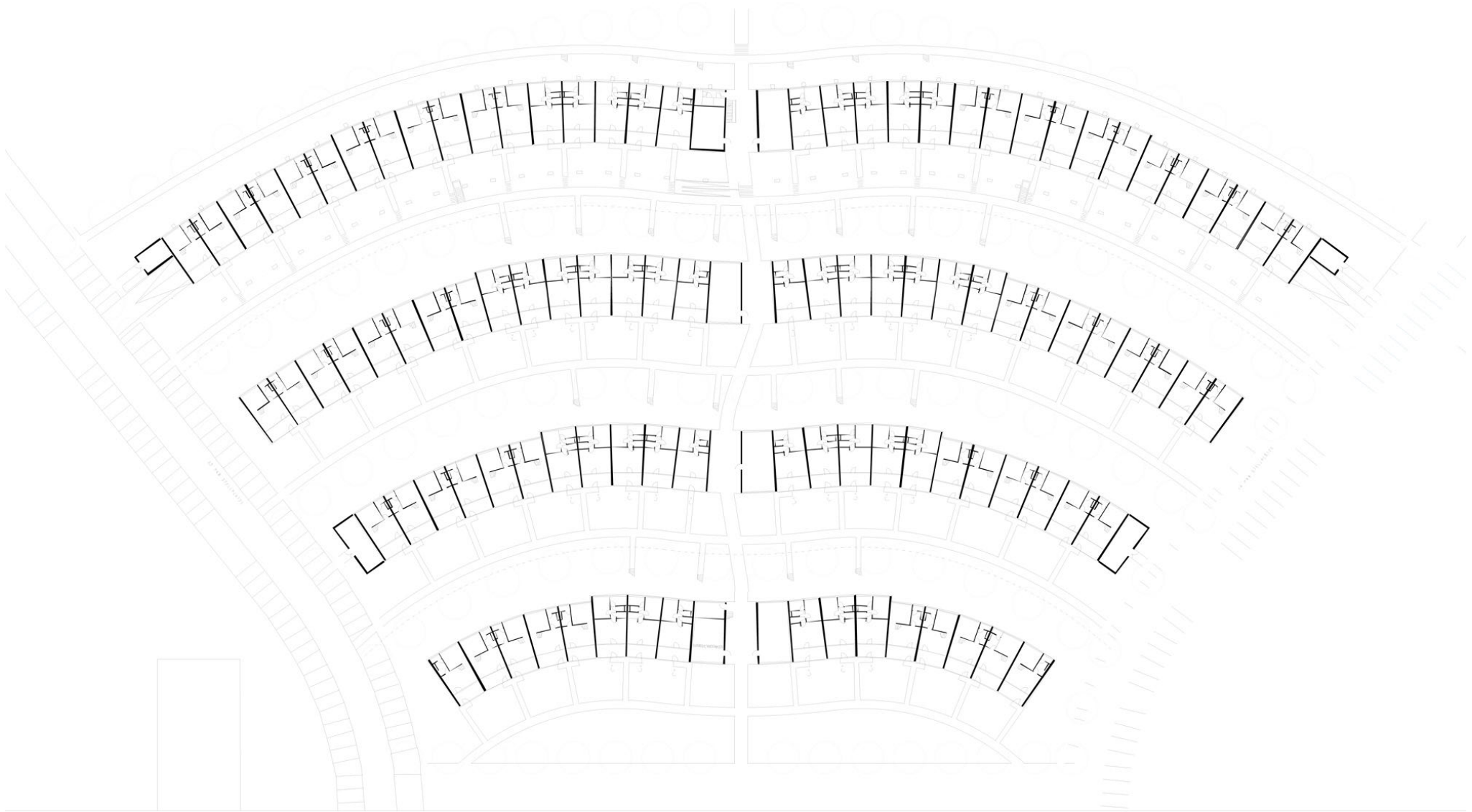


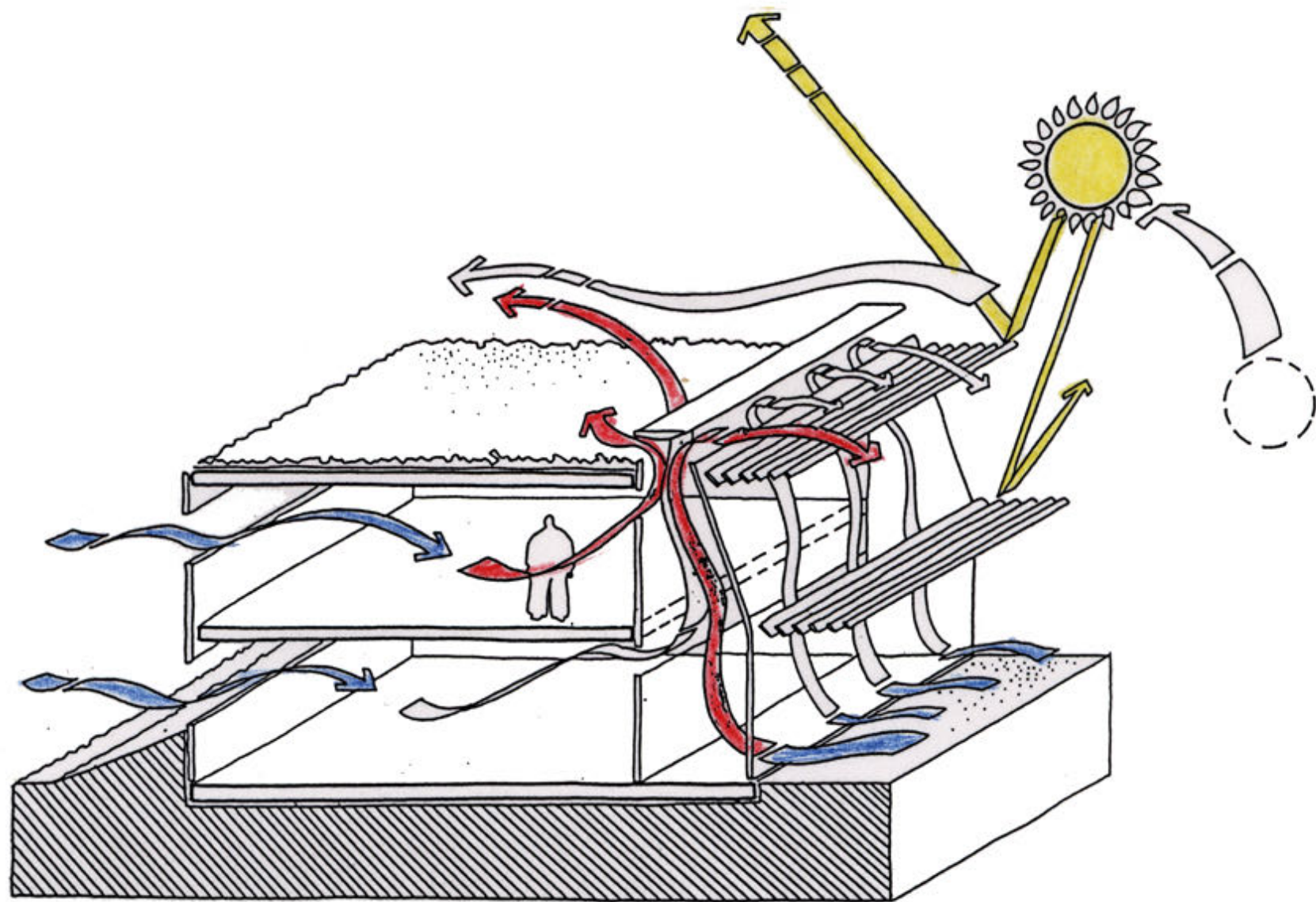






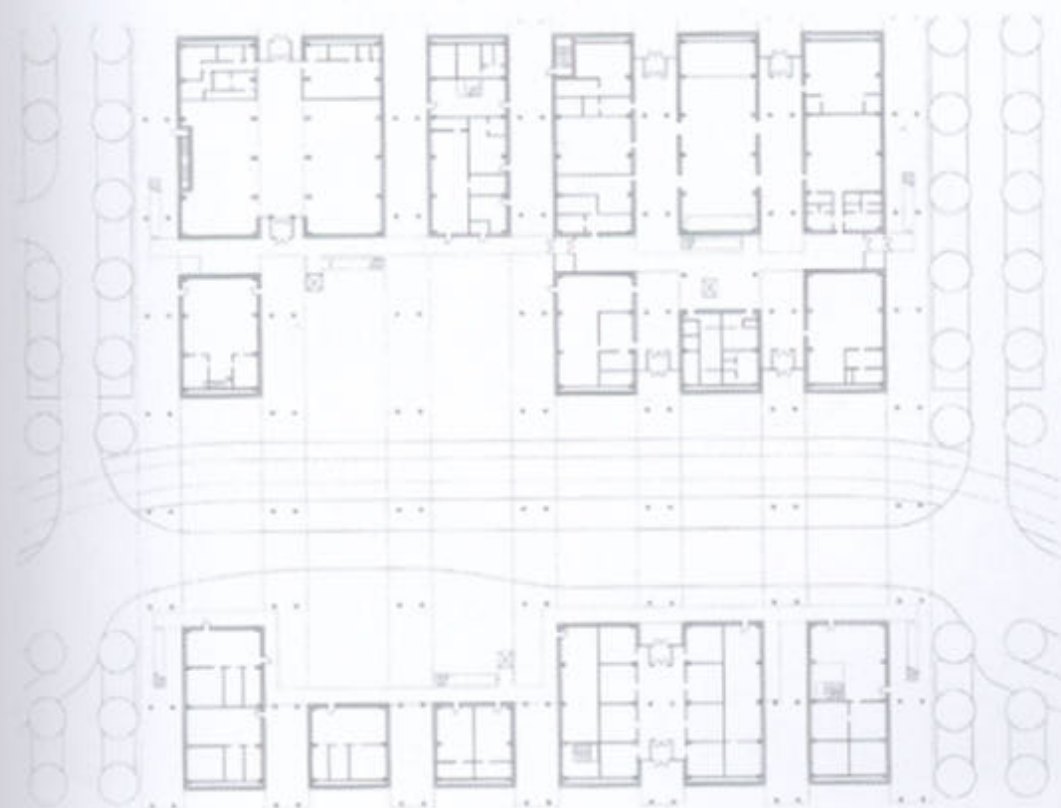












Grundriss Erdgeschoß / *Ground floor*

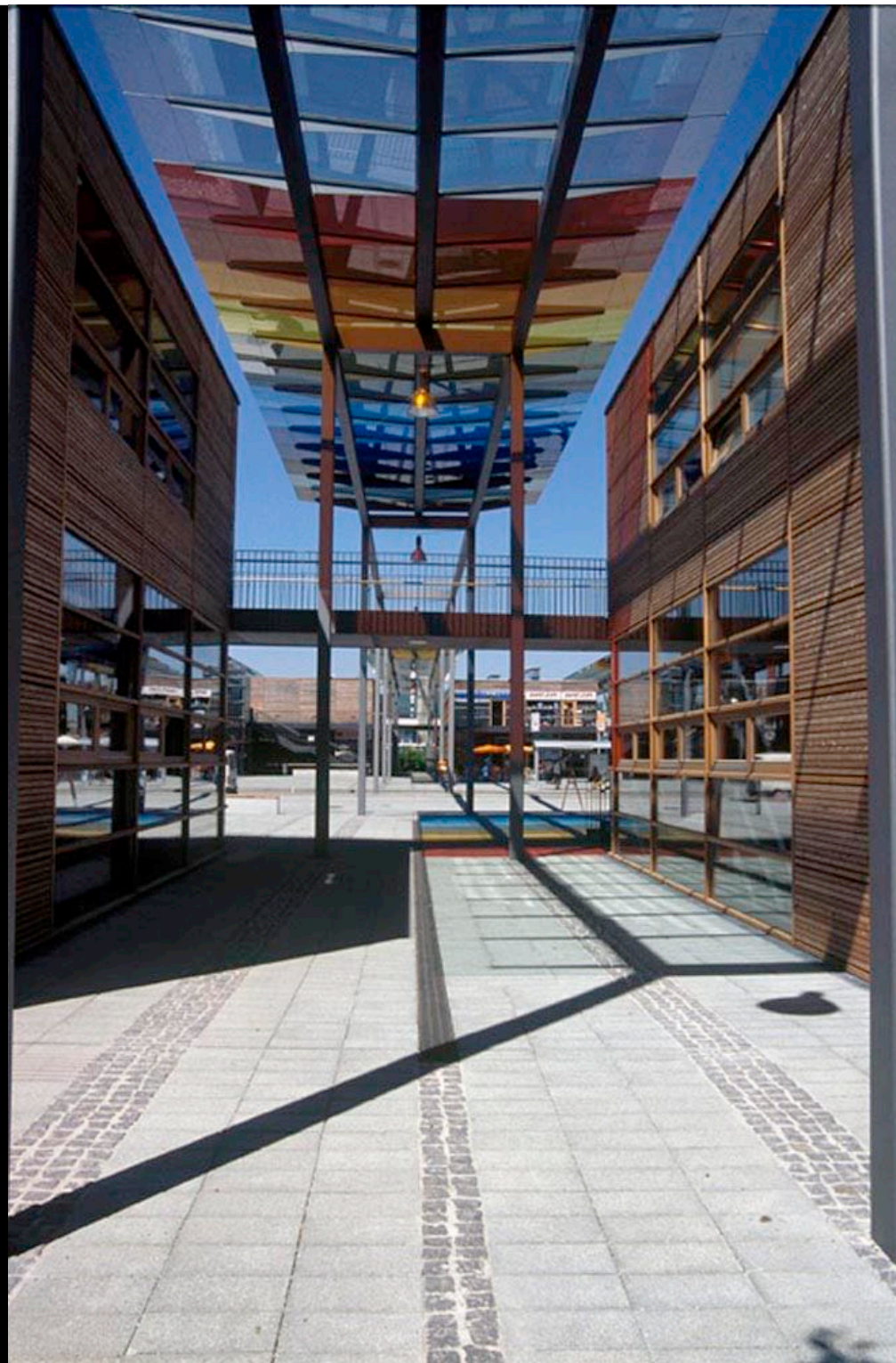


Grundriss Obergeschoß / *Upper floor*



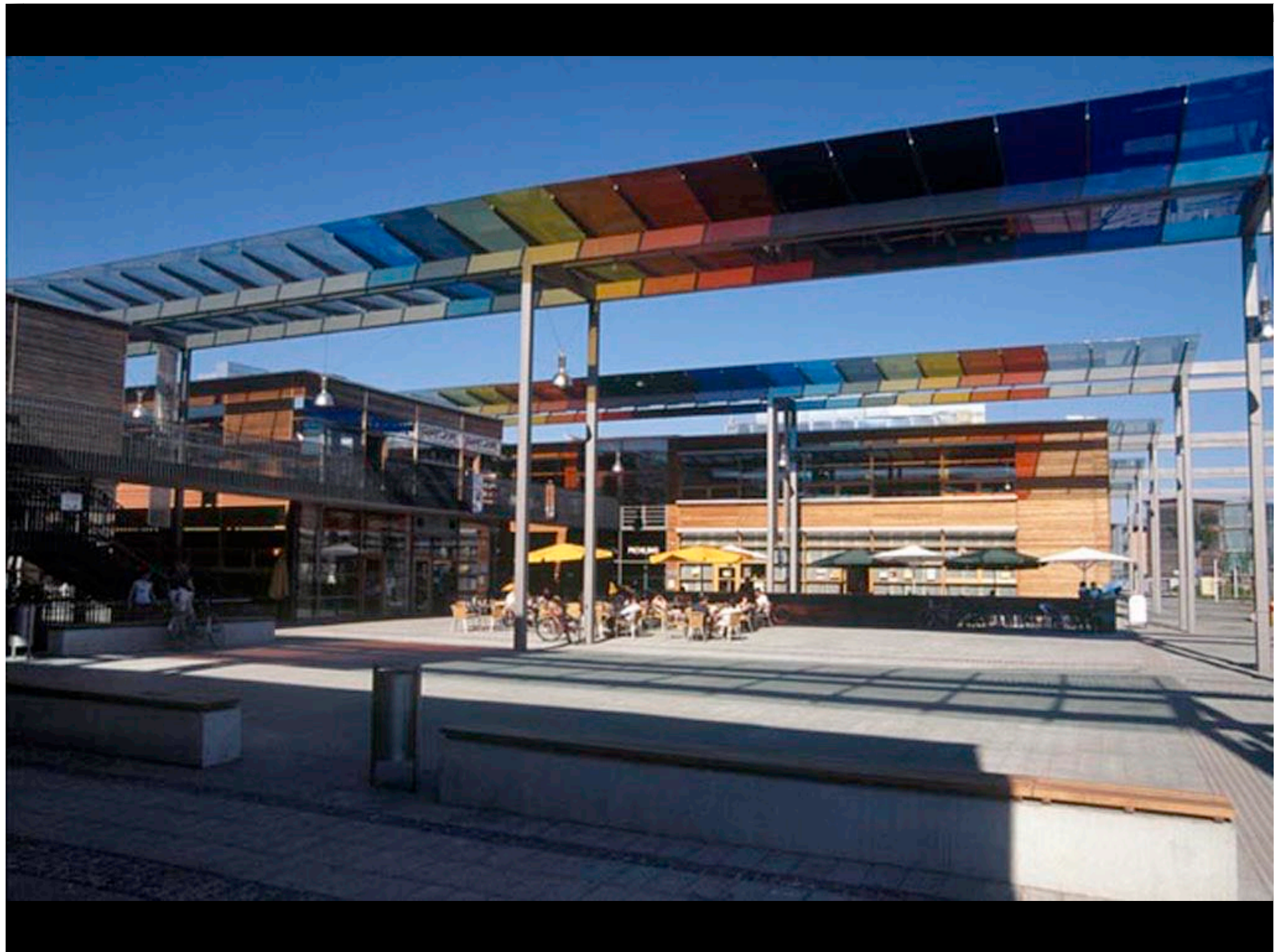
















Categories of urban research - overview

PHYSICAL SYSTEMS	Buildings	Open Spaces	Infrastructure	Vegetation	Traffic	CONDITIONS AND CORRELATIONS
	☐	☐	☐	☐	☐	Individual and Society
	☐	☐	☐	☐	☐	Political Context
	☐	☐	☐	☐	☐	Indicial / Legal Context
	☐	☐	☐	☐	☐	Economical Conditions
	☐	☐	☐	☐	☐	Local Weather Conditions
	☐	☐	☐	☐	☐	Technological Issues
	☐	☐	☐	☐	☐	Ecological Issues
	☐	☐	☐	☐	☐	Aesthetic Quality

