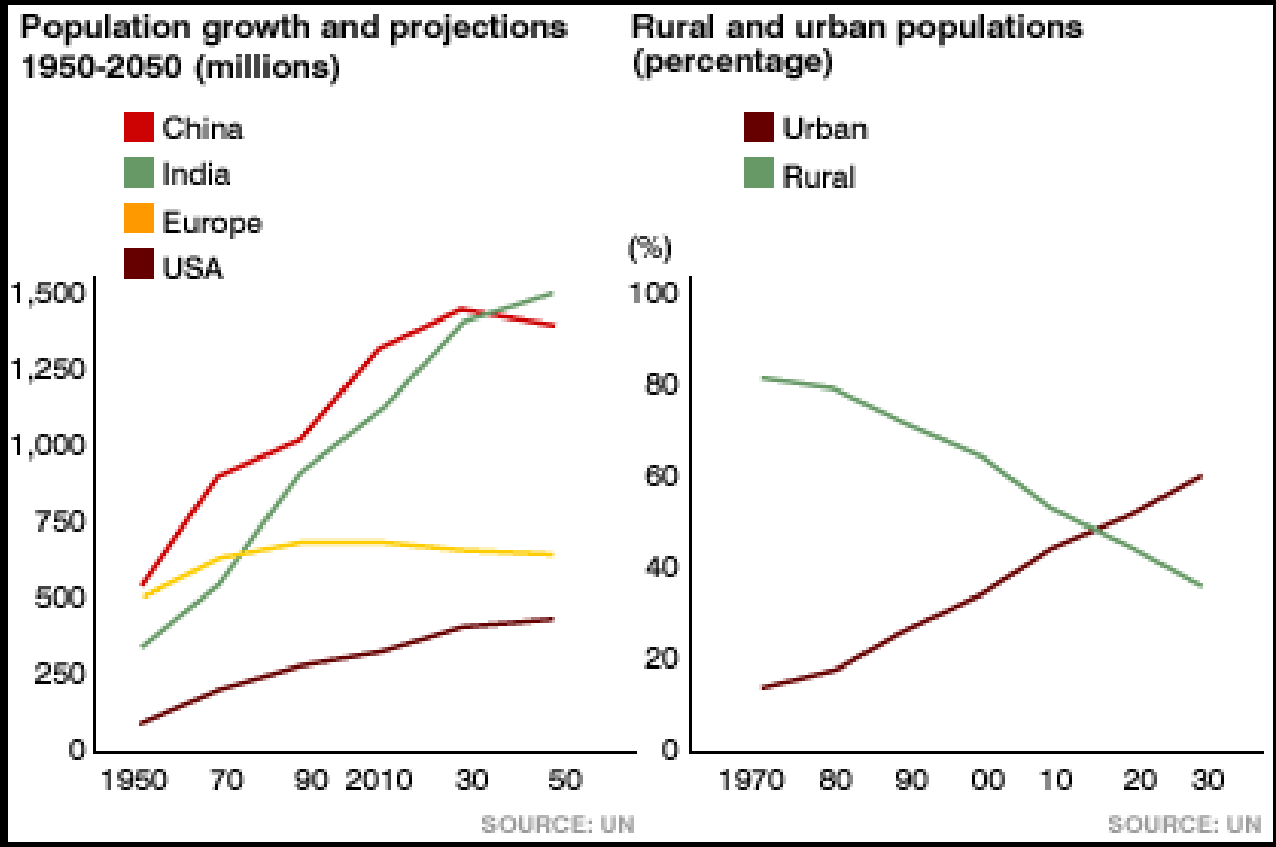
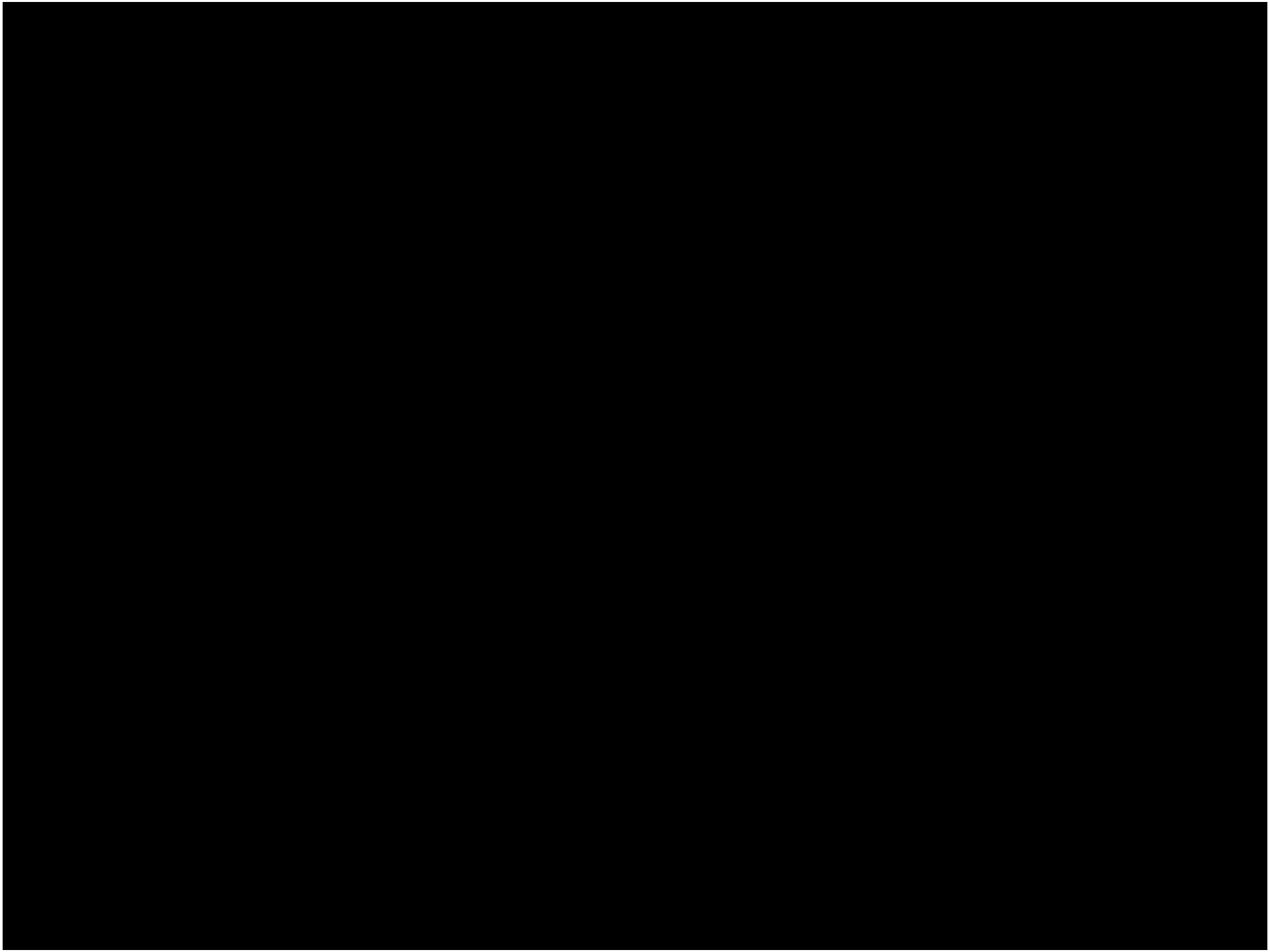
Human Factors in Architecture


Population growth and projections
1950-2050 (millions)
China
India
Europe
USA
1,500
1,250
1,000
750
500
250
0
1950
70
90
2010
30
50
SOURCE: UN
Rural and urban populations
(percentage)
Urban
Rural
(%)
100
80
60
40
20
0
1970
80
90
00
10
20
30
SOURCE: UN



Is architecture a science?

How do we make advances in architecture?

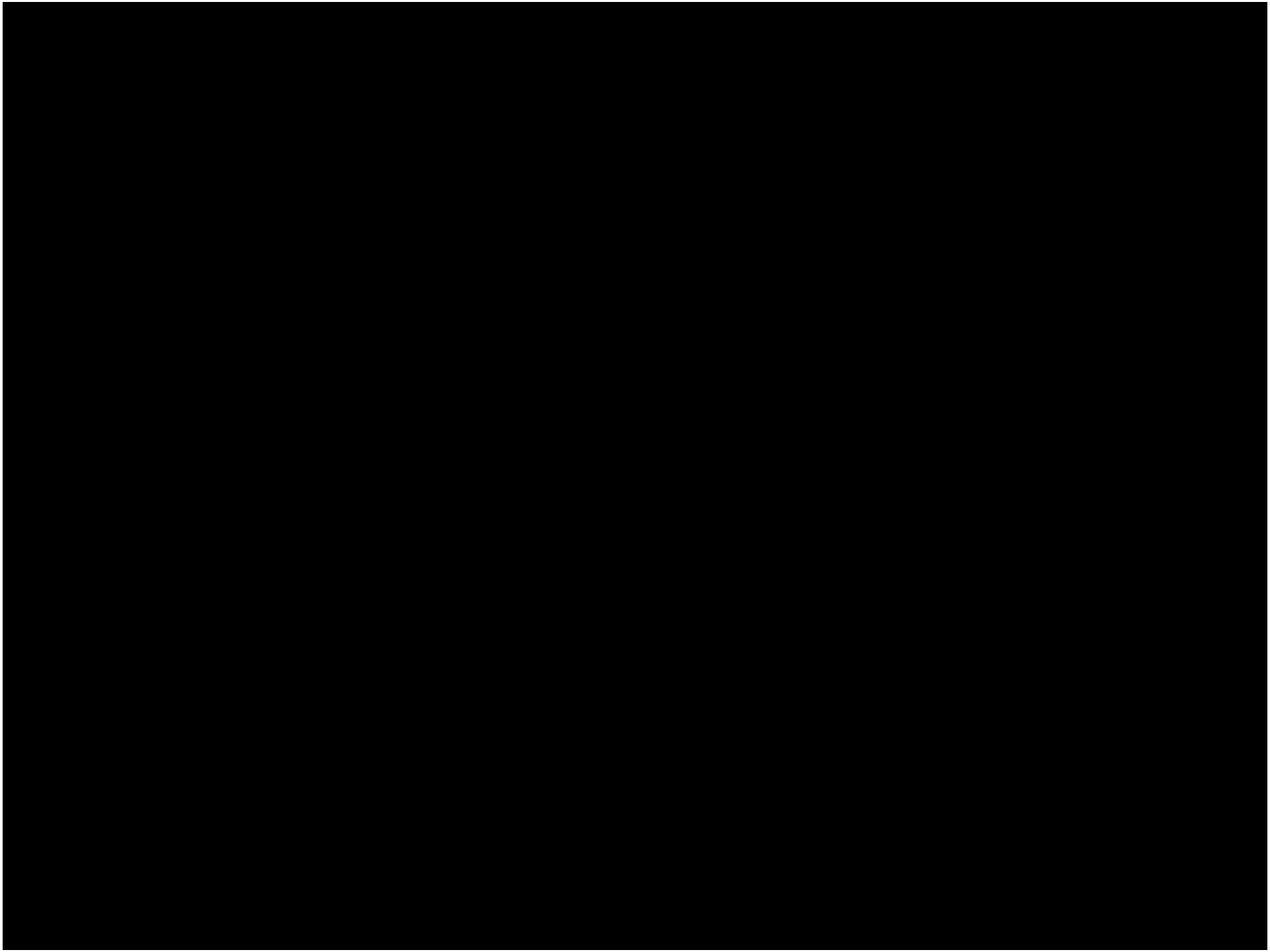
What does theory mean in architecture?

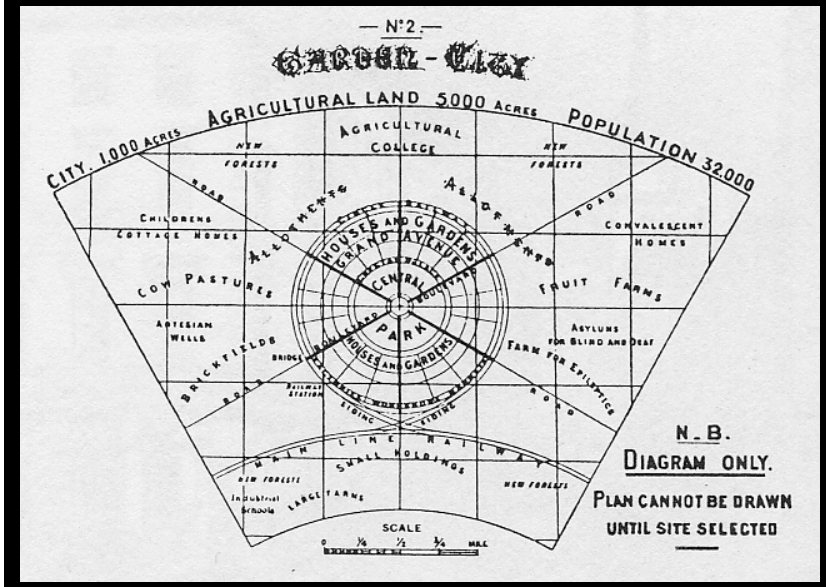
How do we create good design?

How much do we need to know?

Can good design be measured?

What is the role of intuition in design?
The role of empirical knowledge?

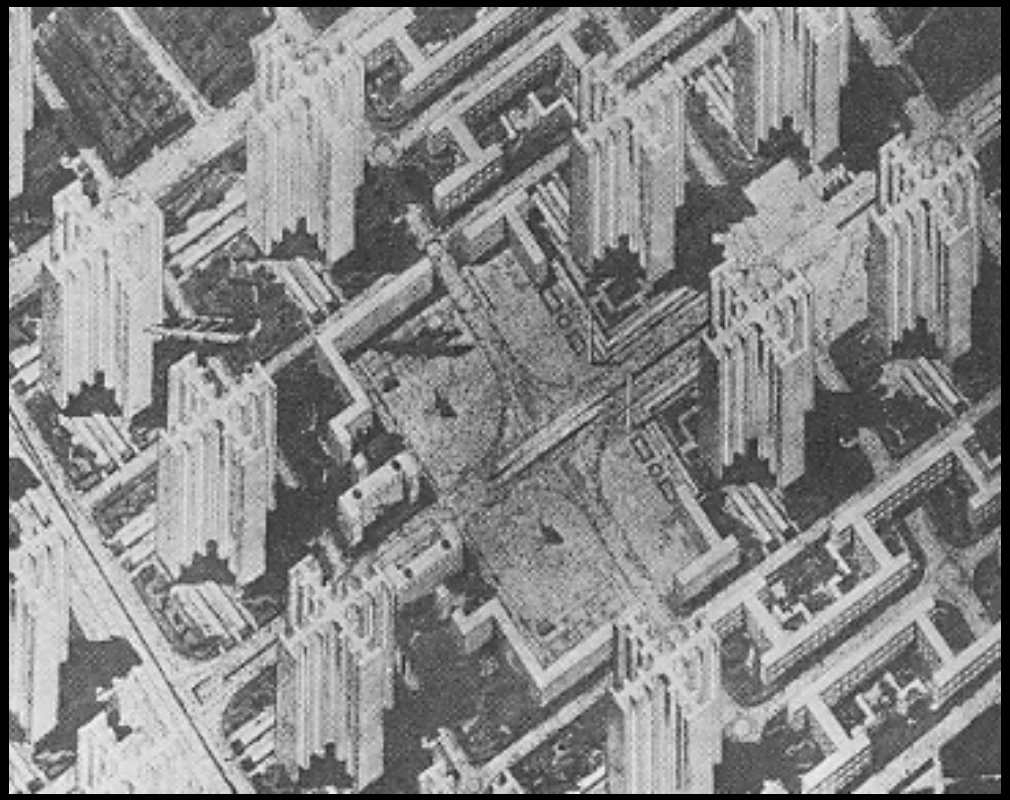


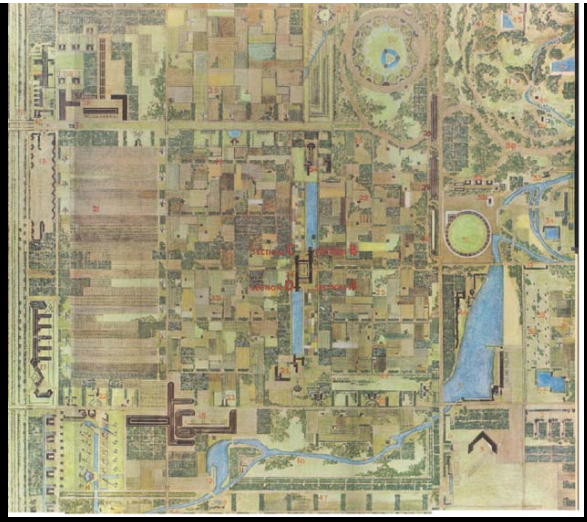


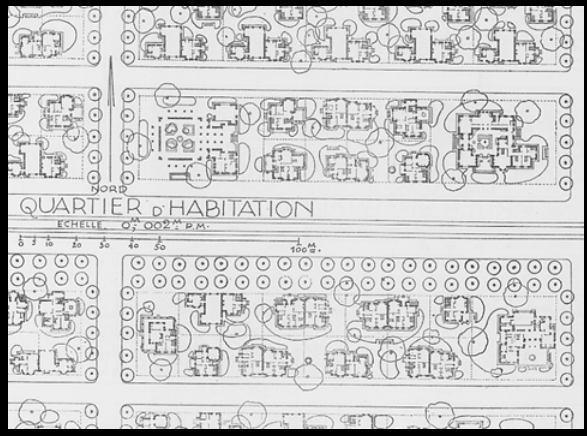
Manhattan, 1863. Aerial view of Central Park soon after it was opened for public use. *(Courtesy of the Museum of the City of New York, J. Clarence Davies Collection)*

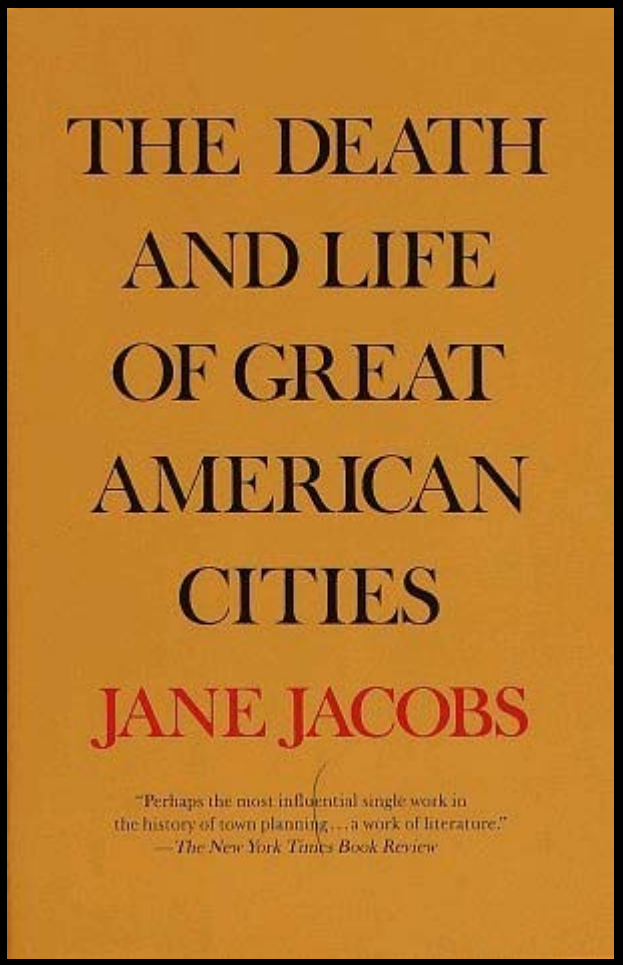
...our goal is the collaboration with the proletariat
in creating a new way of life

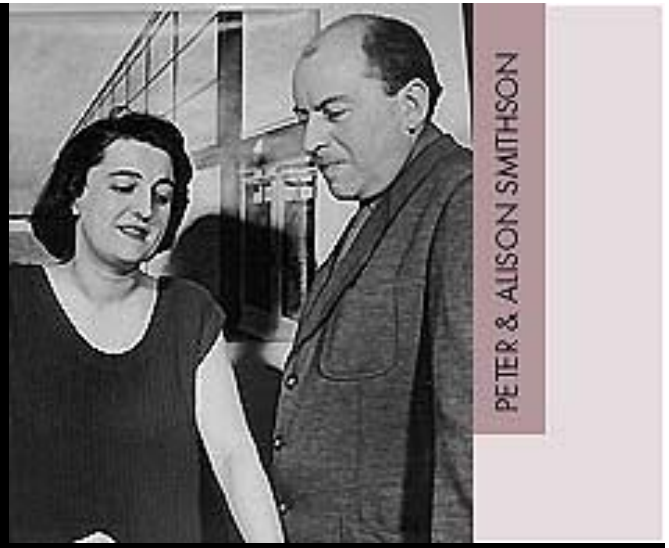
BAUHAUS






NORD
QUARTIER D'HABITATION


THE DEATH AND LIFE OF GREAT AMERICAN CITIES
JANE JACOBS
"Perhaps the most influential single work in the history of town planning . . . a work of literature."
—The New York Times Book Review


PETER & ALISON SMITHSON

GUILD HOUSE

This Los Angeles traffic jam near downtown on Interstate 10 is typical of rush-hour traffic there.

Jam nation: Study sees longer commutes

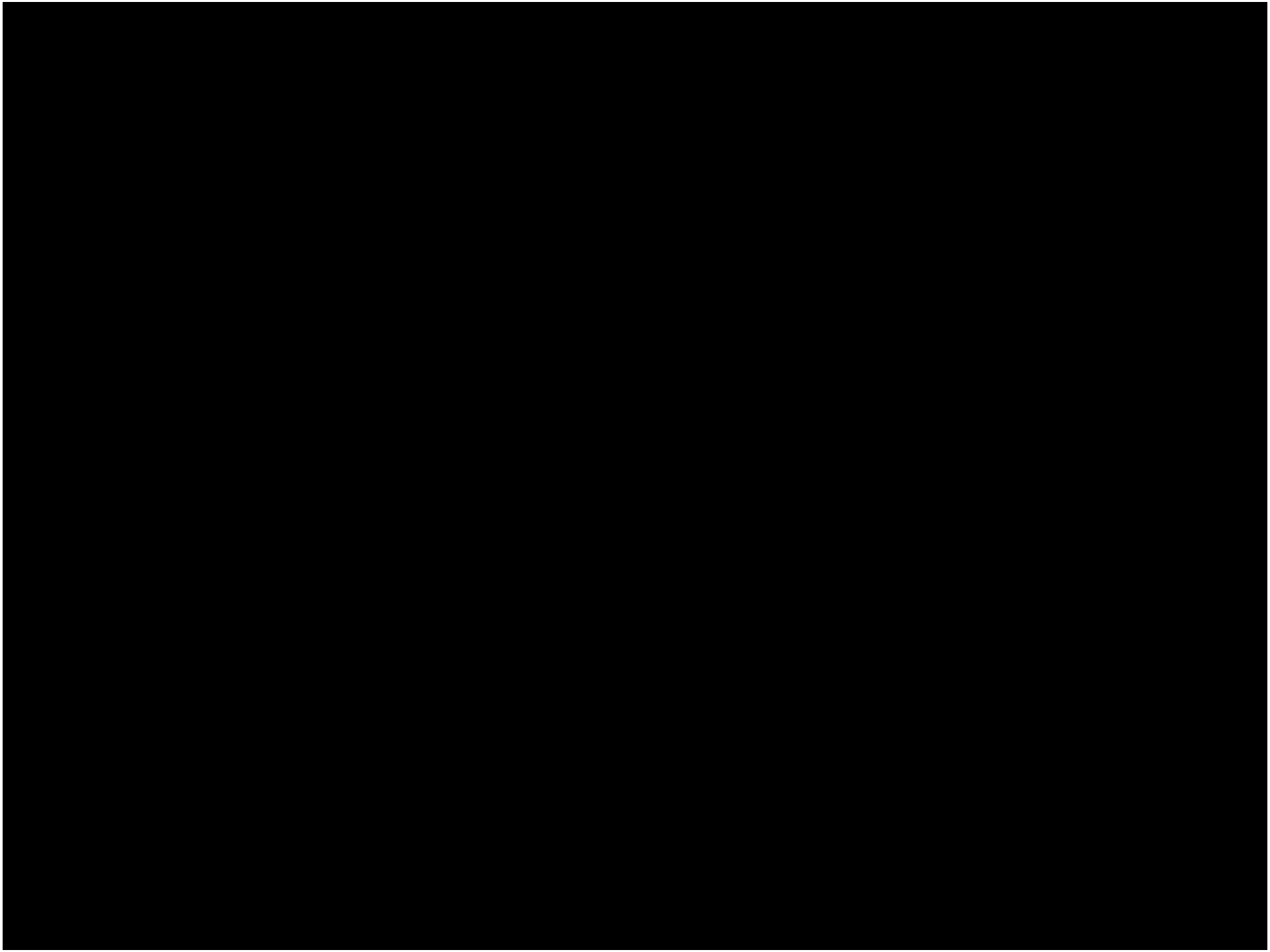
Annual survey finds average driver wasting 51 hours a year

Monday, May 31, 2004

Study links sprawling suburbs, sprawling waistlines

By Rob Stein

The Washington Post



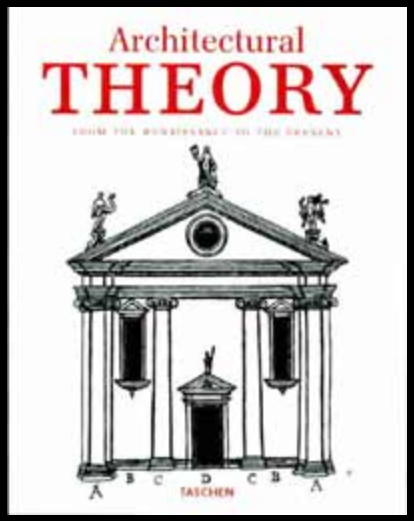
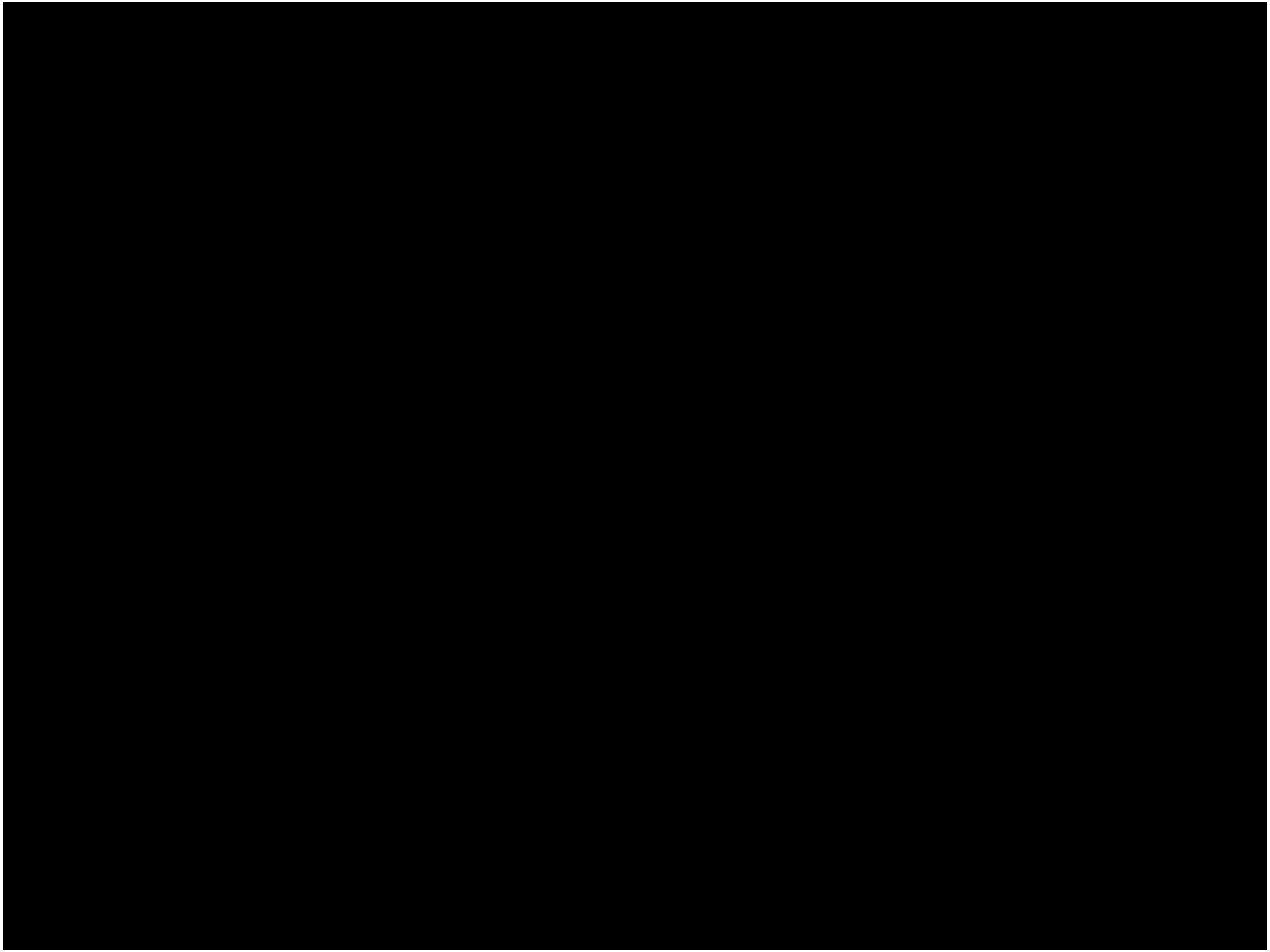
The relationship between professional and user needs to be rethought

How do we relate to the concept of function?

How do we understand human behavior and experience?

How do we relate to our environment?

What is the nature of architectural theory?



What is the nature of architectural theory?