



The Prince's Foundation

FOR THE BUILT ENVIRONMENT



The Prince's Foundation for the Built Environment is an educational charity founded by HRH The Prince of Wales to;

‘improve the quality of people’s lives by teaching and practising timeless and ecological ways of designing, planning and building’.

We are one of 18 charities for which the Prince of Wales is President, together we comprise the largest multi-cause charitable enterprise in the United Kingdom.



The Poundbury Series: 2007 -

2008

1 **New Urbanism & the Poundbury Experiment:**

What makes it Sustainable:

12.07.07

2 **Traditional Construction & Eco Towns:**

Upton Exemplar Project: 04.08.07

3 **Removing the Roadblocks:**

Highways & Shared Surfaces:

14.11.07

4 **Sustainability:**

The Financial Bottom Line: 14.02.08

5 **Mixed Use:**

Getting the Mix Right: 17.04.08

6 **Architectural Tuning:**



Places for Movement:

The street &
square vs
road and
open space

Noel Isherwood
Poundbury Representative
Princes Foundation



Richard Rogers, Derek Walker and Leon Krier



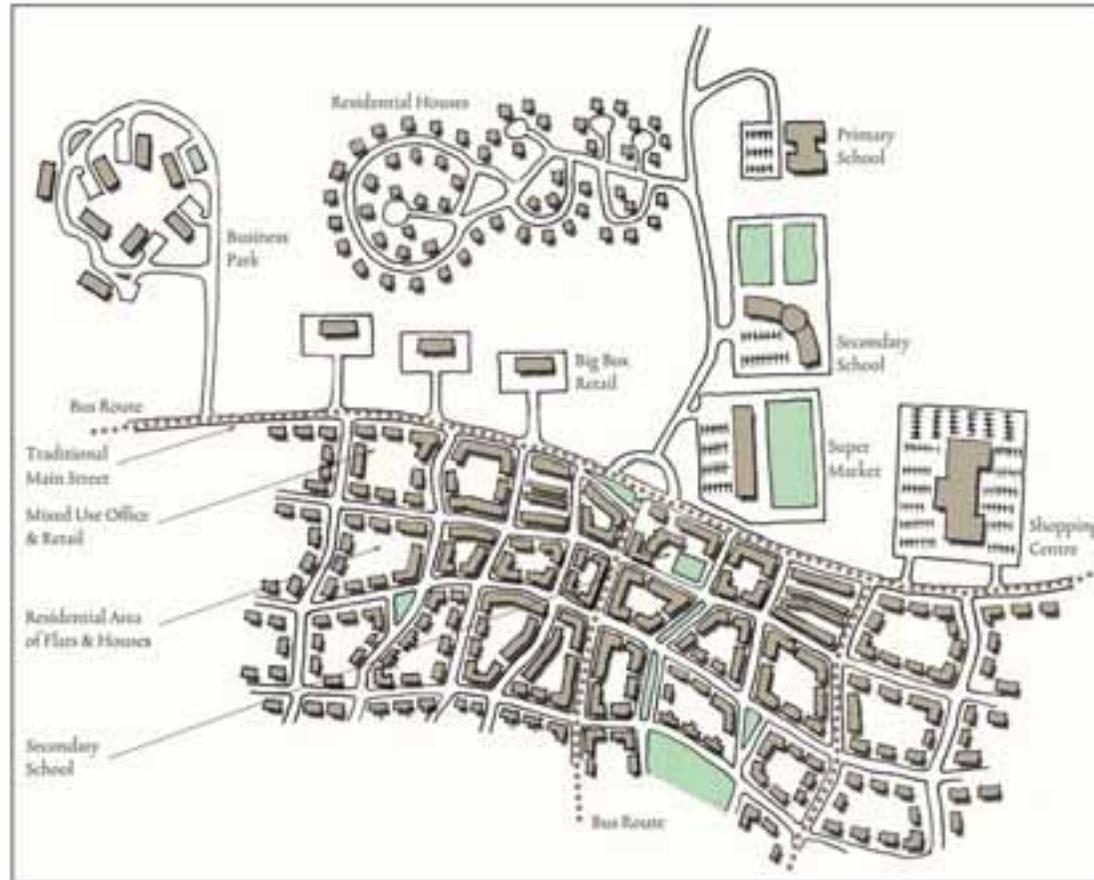
URBAN
TASK
FORCE

A VISION OF BRITAIN

CONTEMPORARY SUBURBAN MODEL

Isolated pods
of single use
accessed from
collectors and
arterials

Integrated
mixed use
town



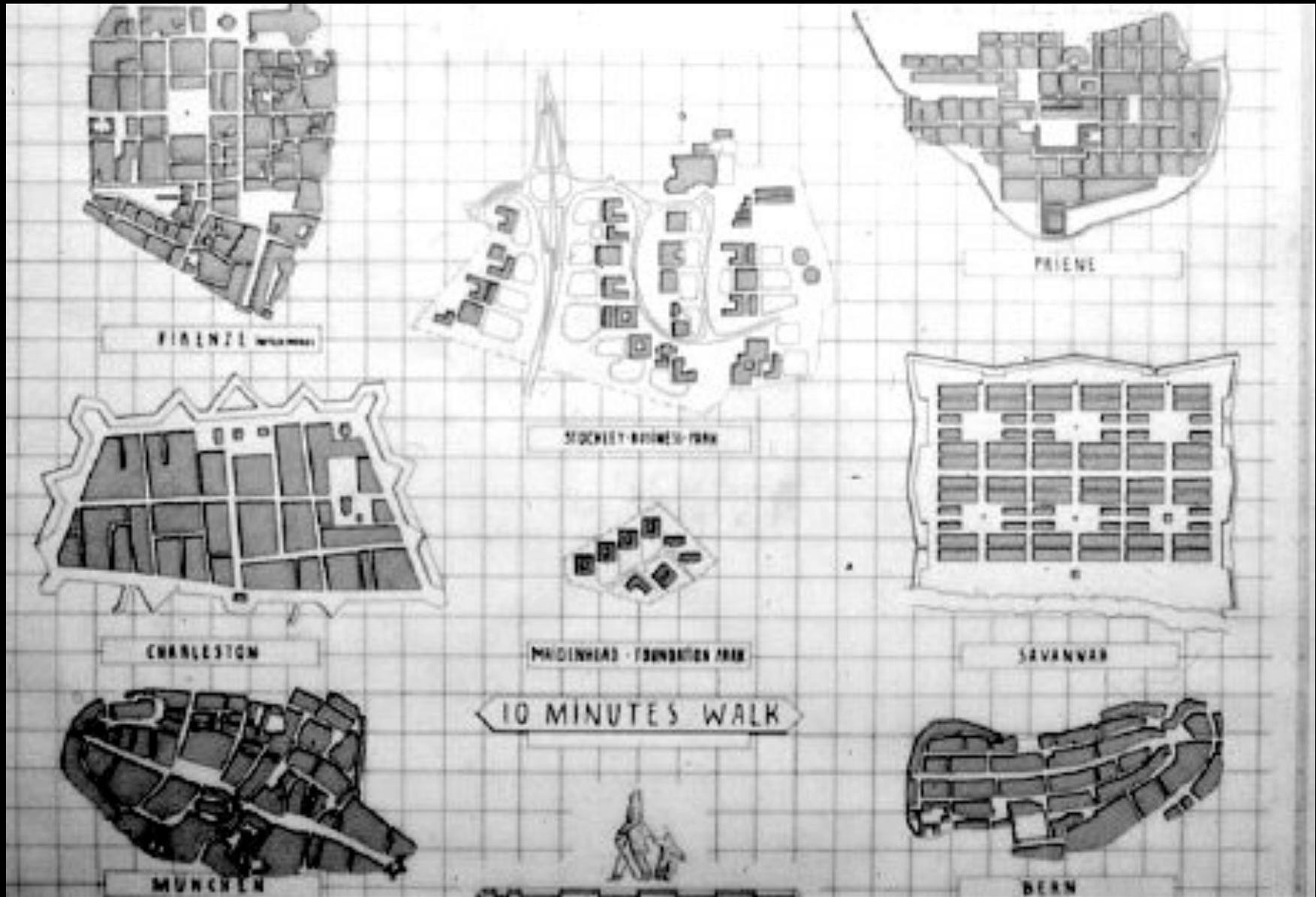
Milton
Keynes

'It could
have been
done on a
tenth of the
space –
could have
been built
three
storeys high
on area of
6km²
instead of
250km²

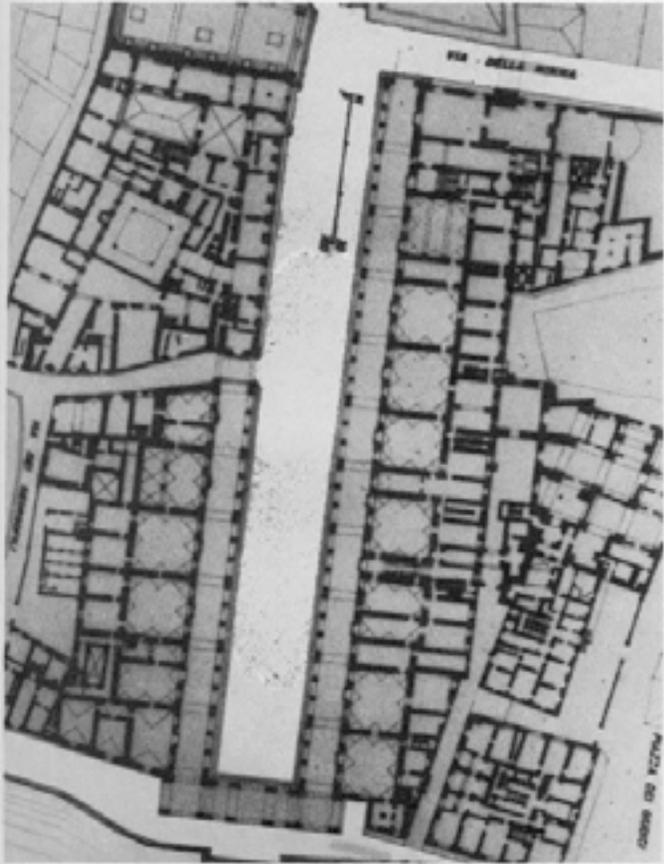
SUSTAINABLE URBANISM
LOCATION EFFICIENCY

LK

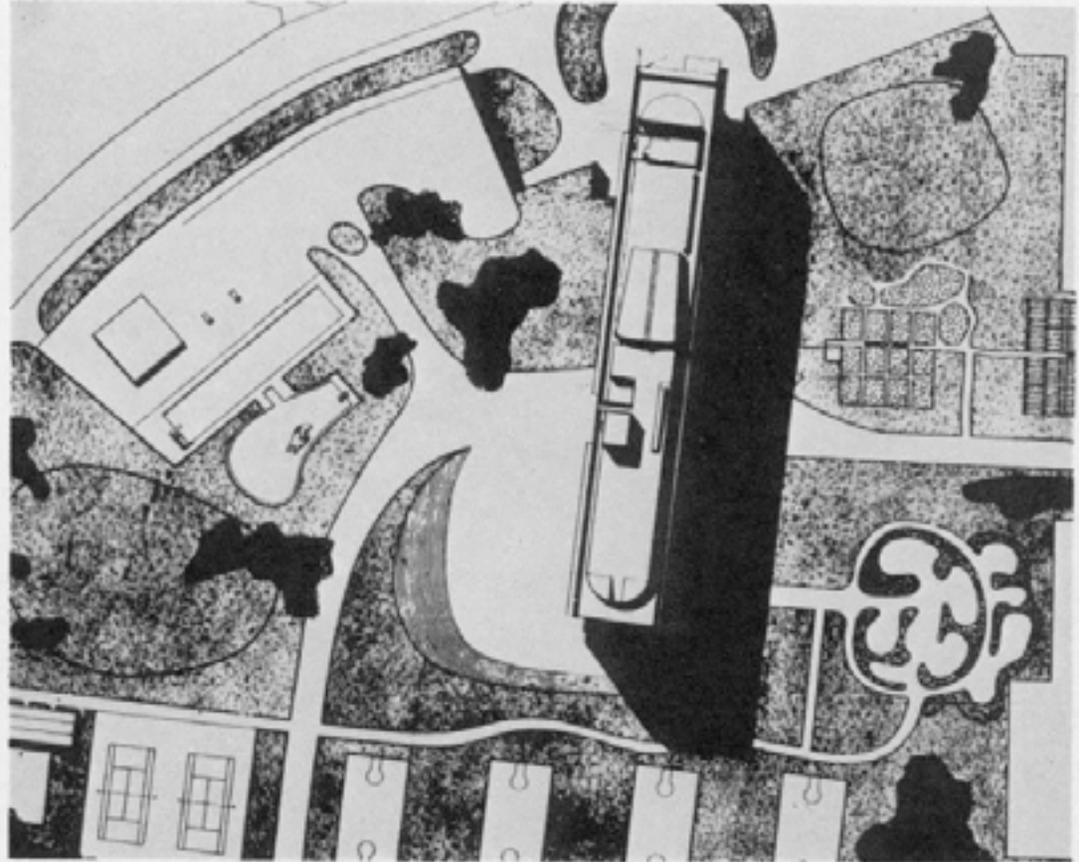
Leon Krier: Learning from Traditional Urbanism



A sense of Place



Florence, Uffizi, plan

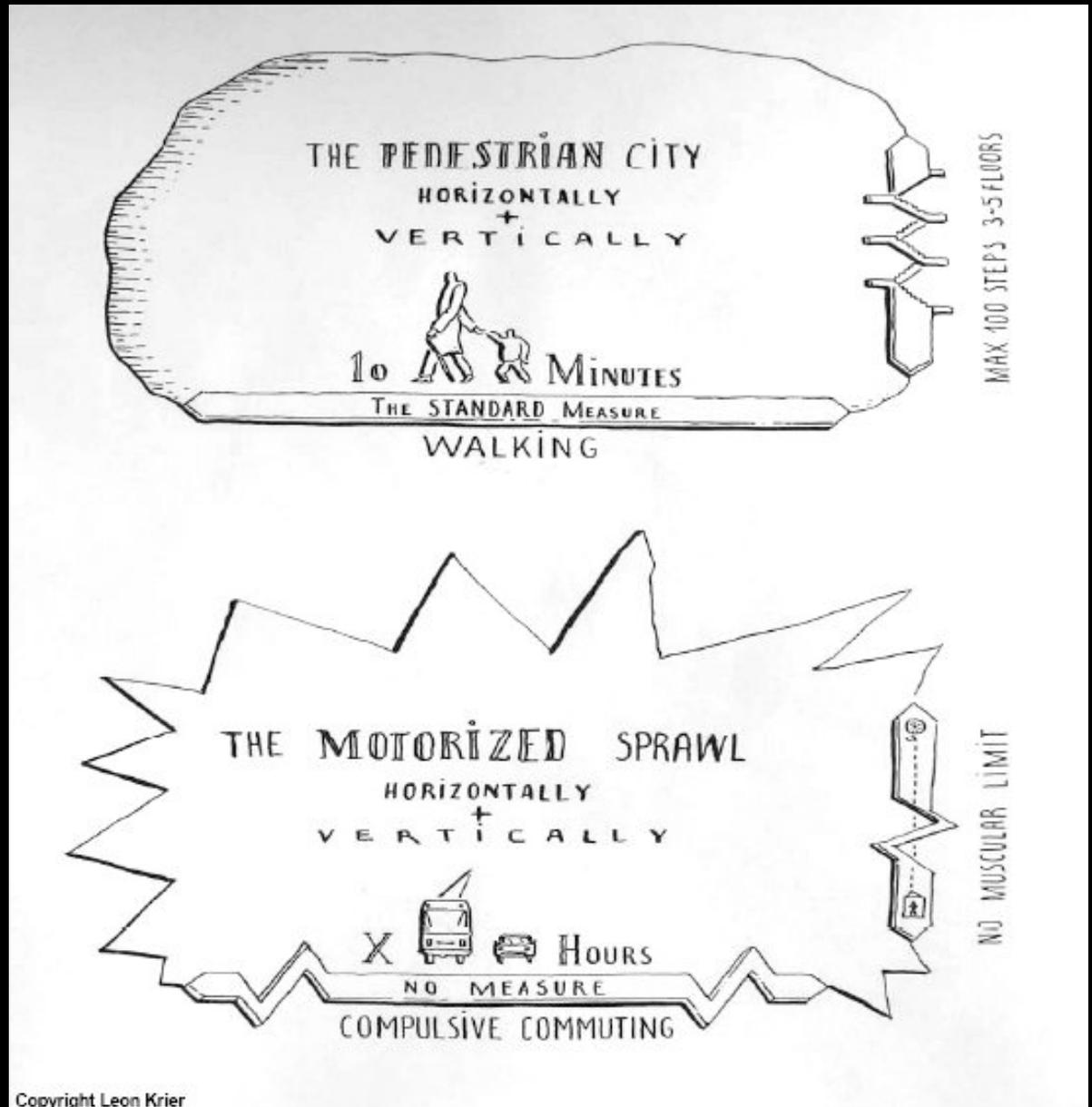


Le Corbusier : Marseilles, Unité
d'Habitation, 1946, site plan

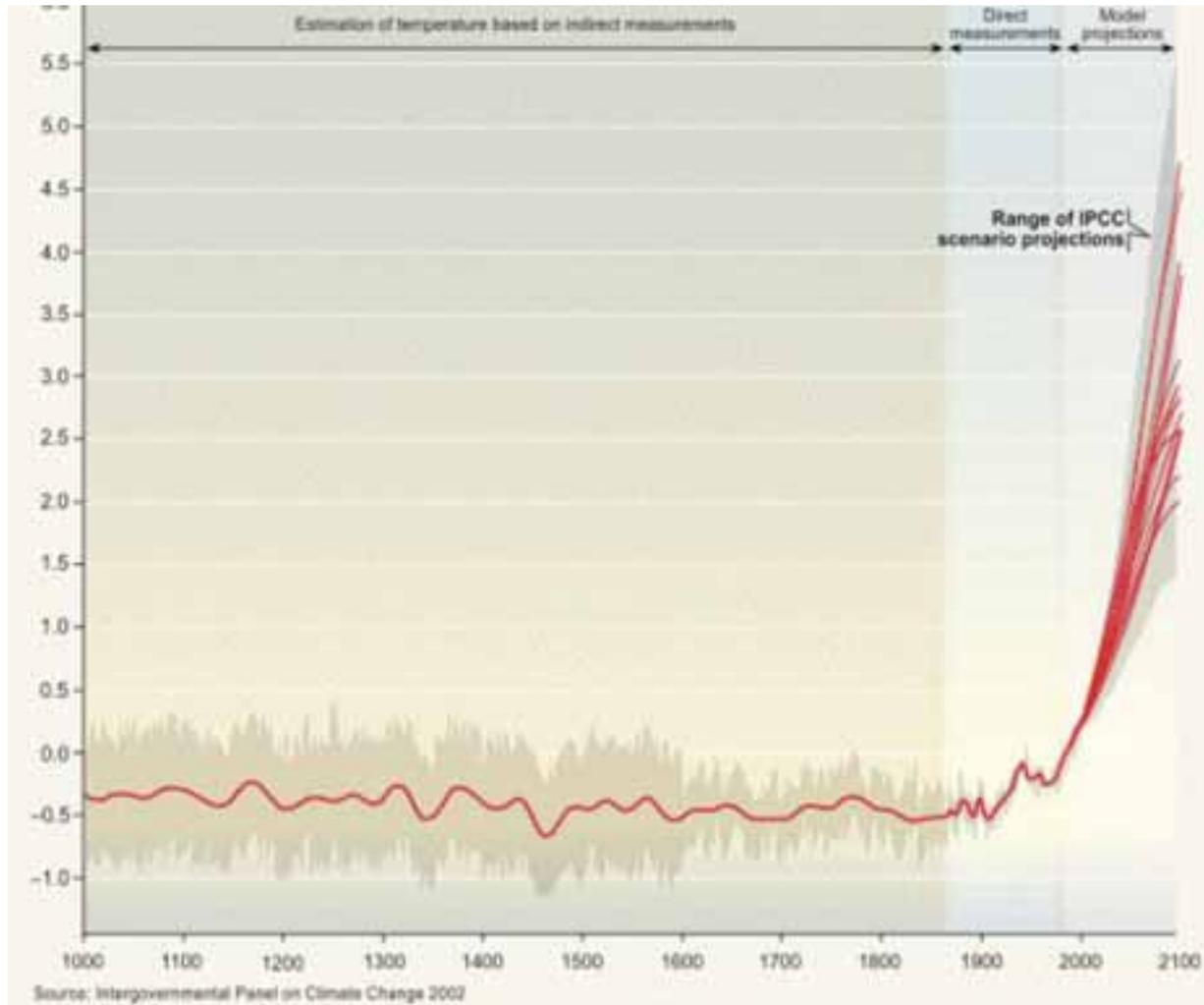
Collage City: Colin Rowe

Walkability or Muscle Power

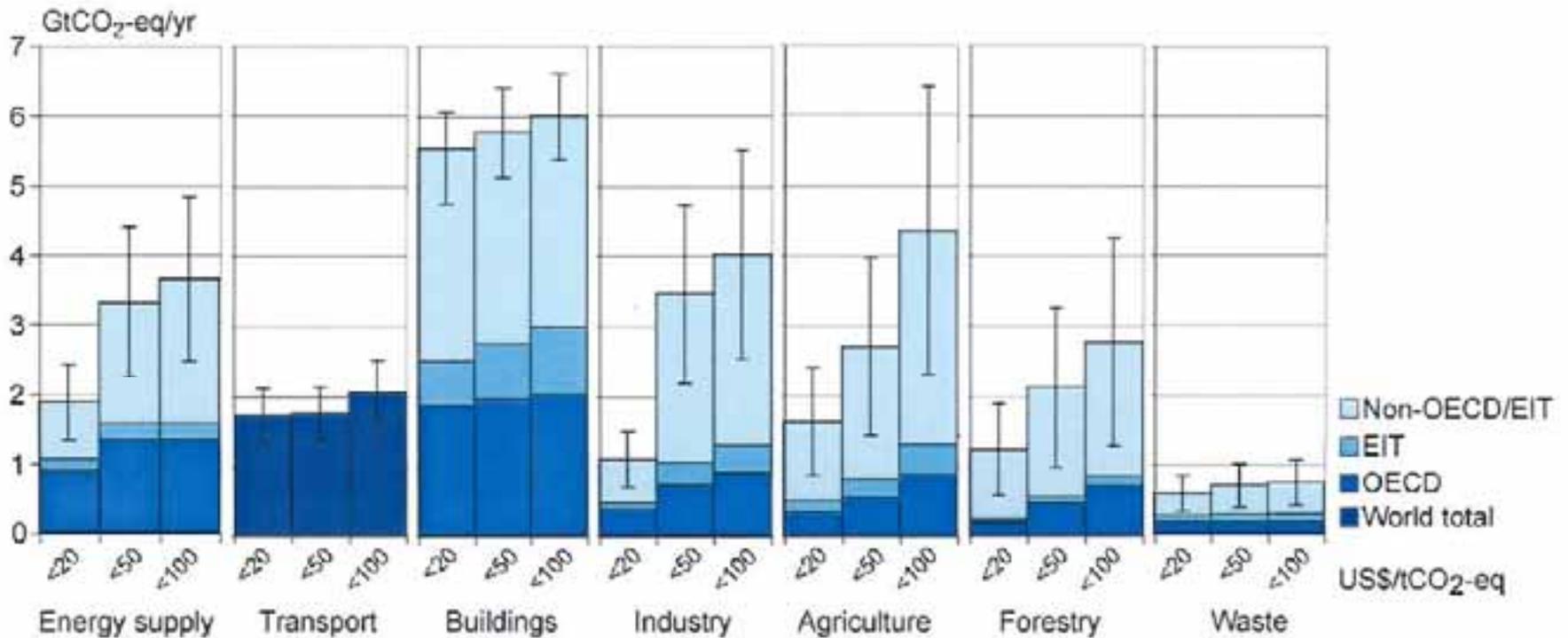
James Kunstler:
The Long
Emergency



'Approximations of climate change'



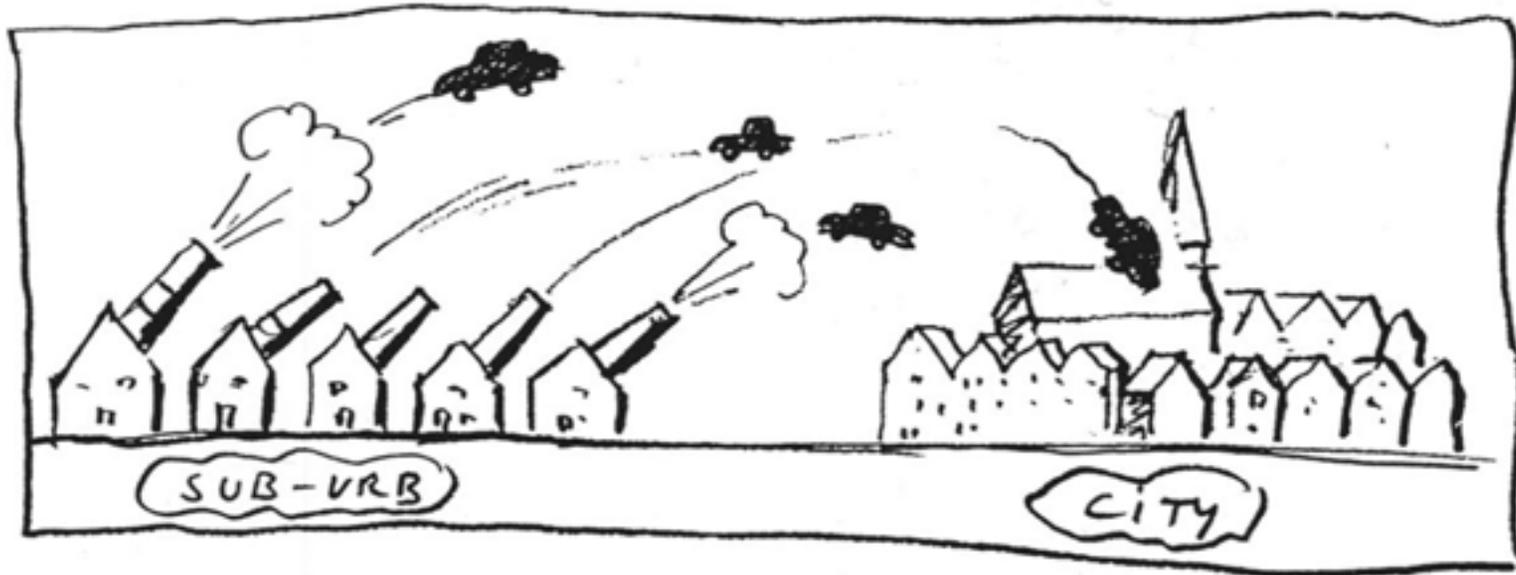
Approximations of CO2 by sector



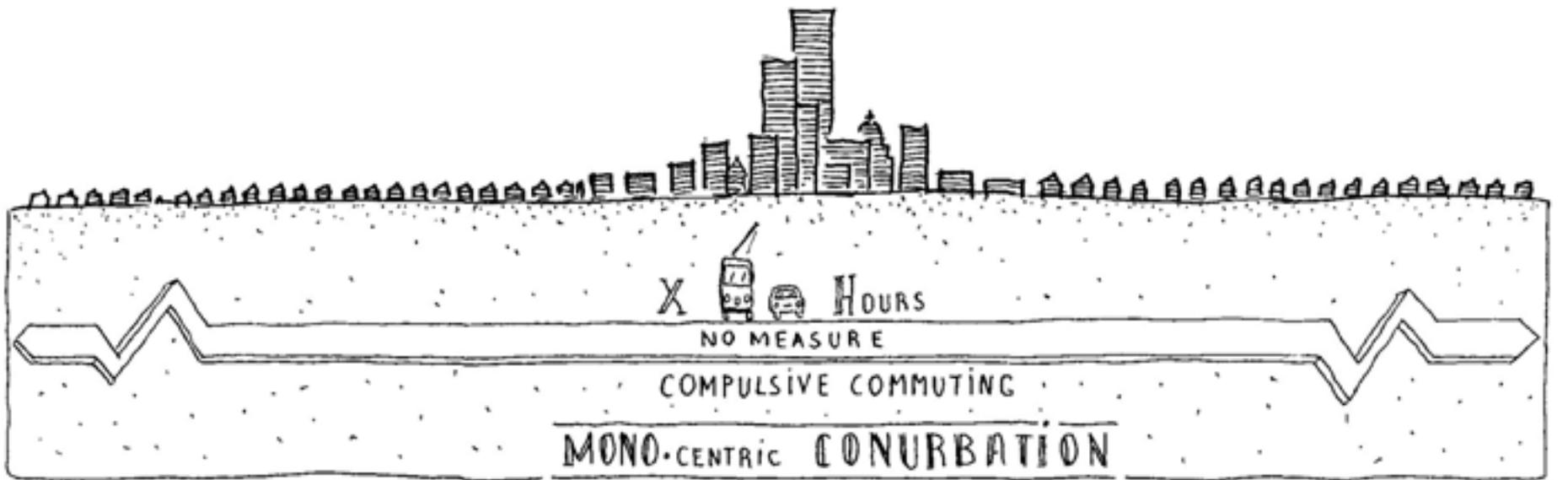
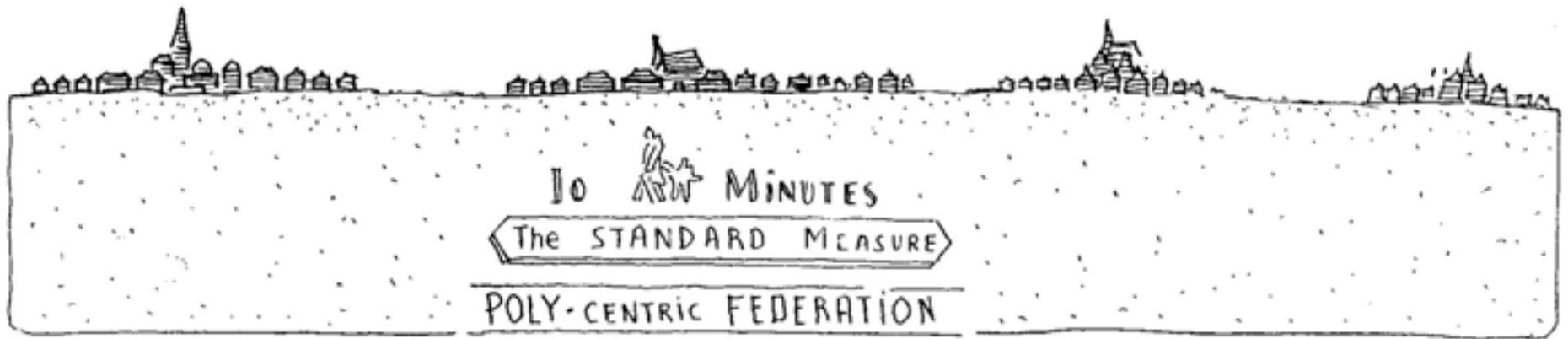
Note: estimates do not include non-technical options, such as lifestyle changes.

Leon Krier: Architecture, Choice or Fate

NOT THE CAR BUT THE SUBURBAN HOME IS THE DEADLY WEAPON



DAILY SUBURBAN MORTARFIRE AGAINST URBAN CENTERS



CONGESTED SYSTEM

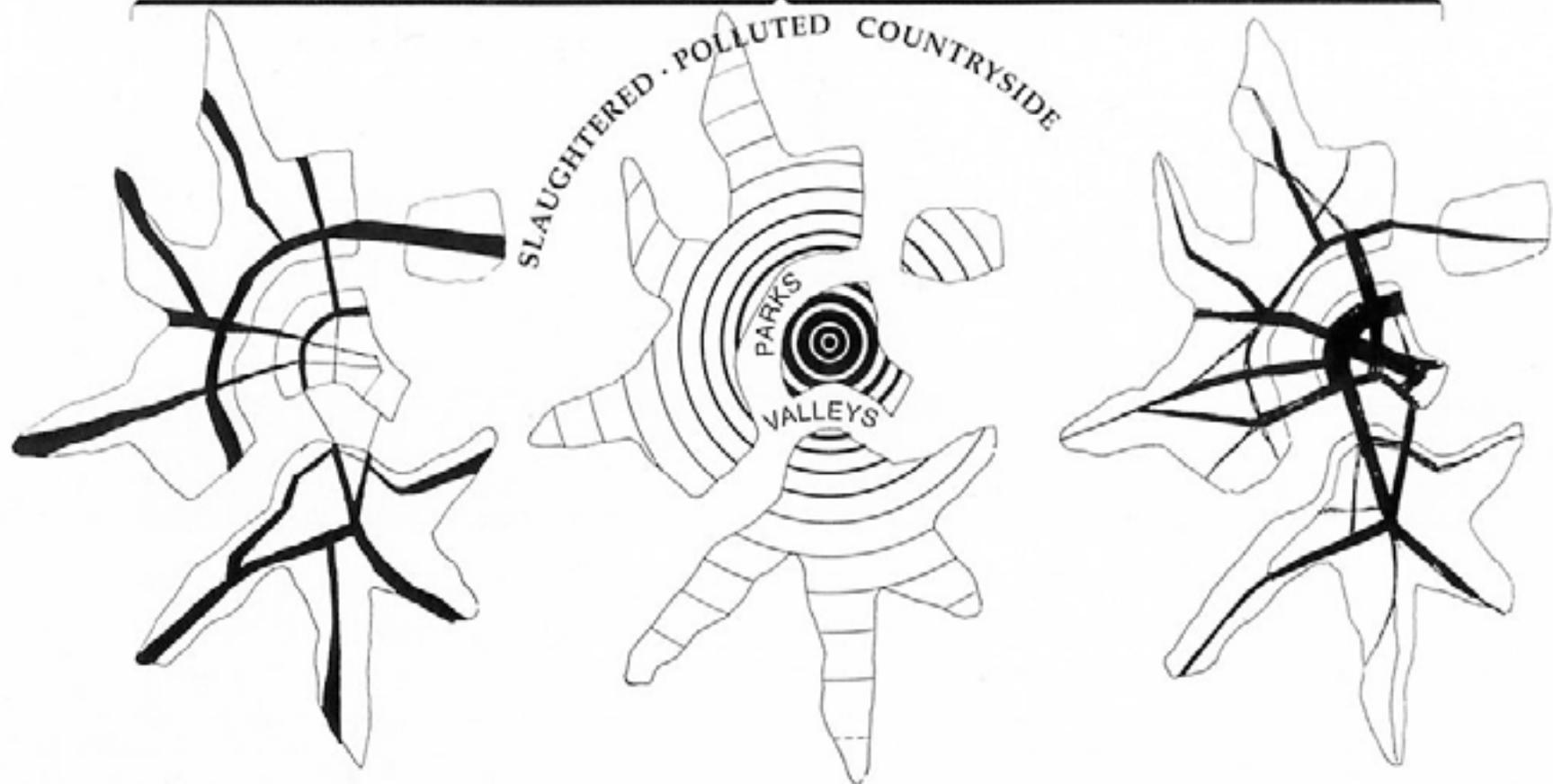


DIAGRAM of EXISTING
ROADS

CONGESTION of the HISTORIC
CENTRE THROUGH
TENTACULAR SUBURBS

DENSITY of VEHICULAR
CIRCULATION

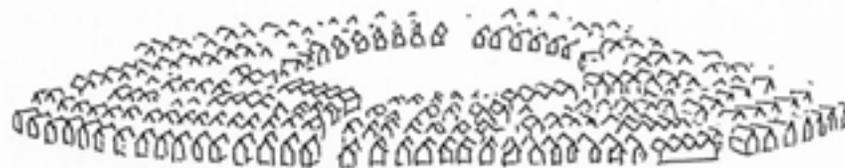
CITY & PARASITE



CITY WITHOUT SUBURB

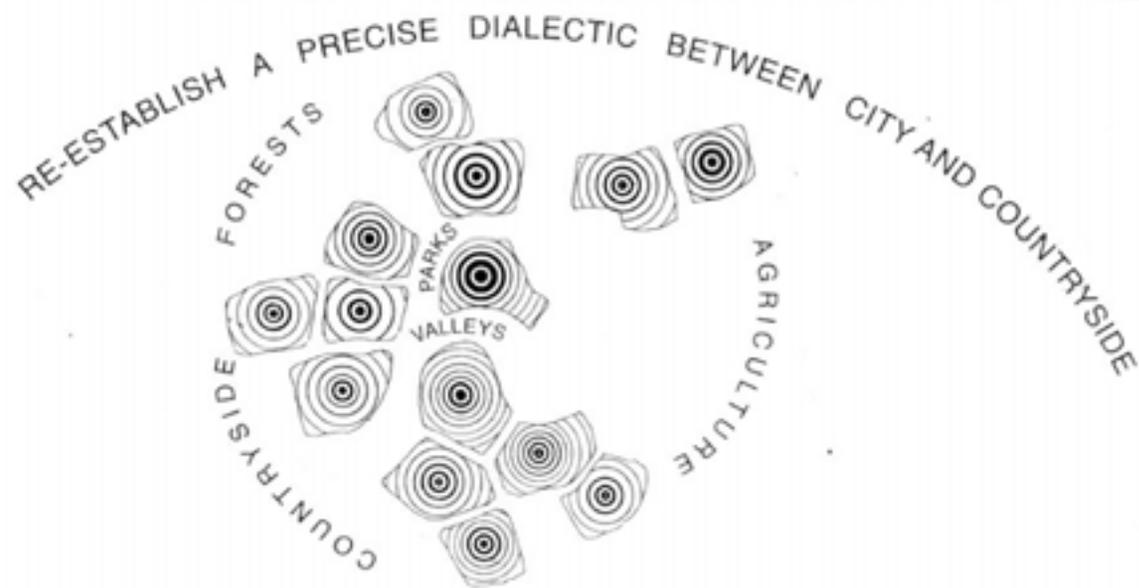


CITY WITH SUBURB



SUBURB WITHOUT CITY

THE CITIES WITHIN THE CITY

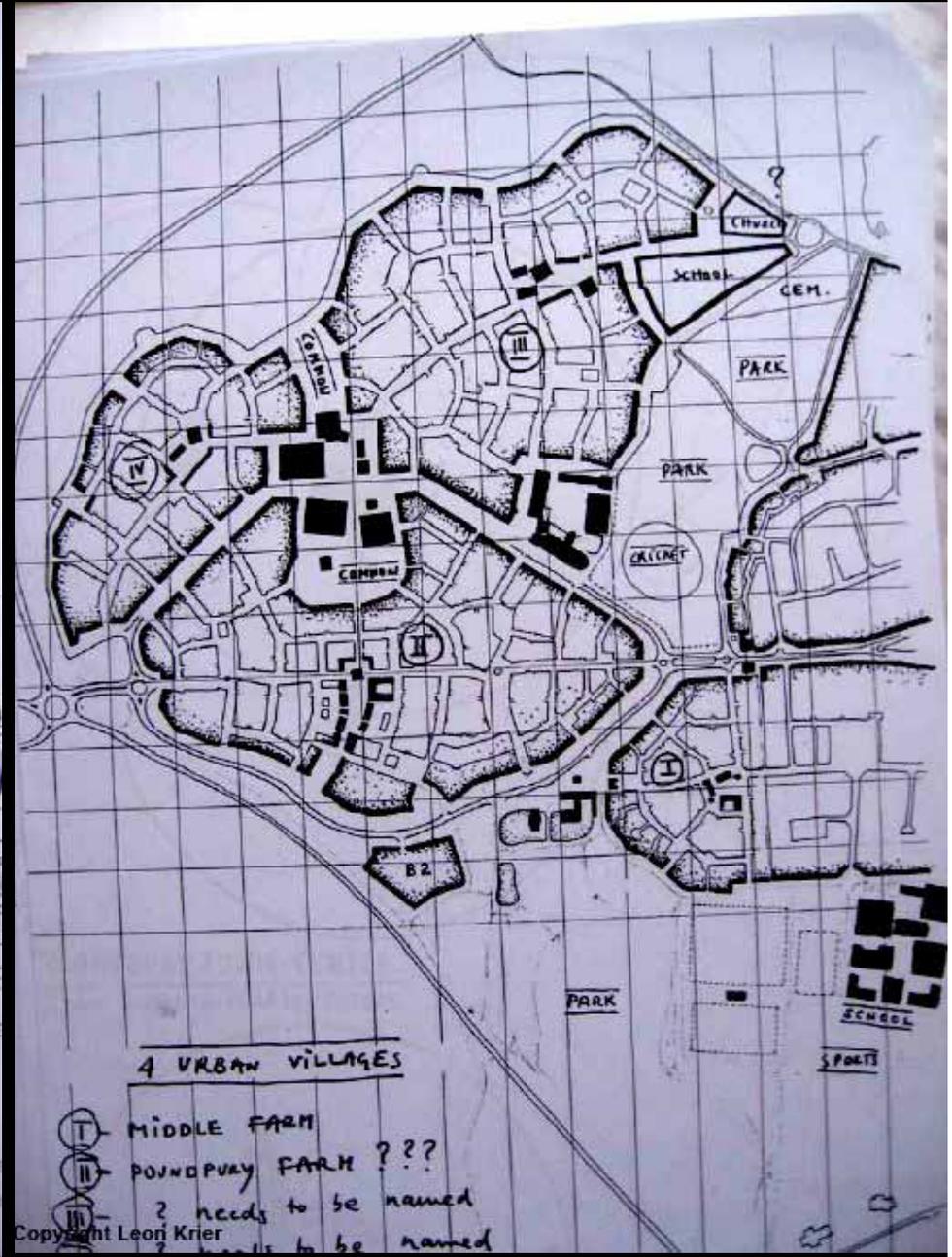


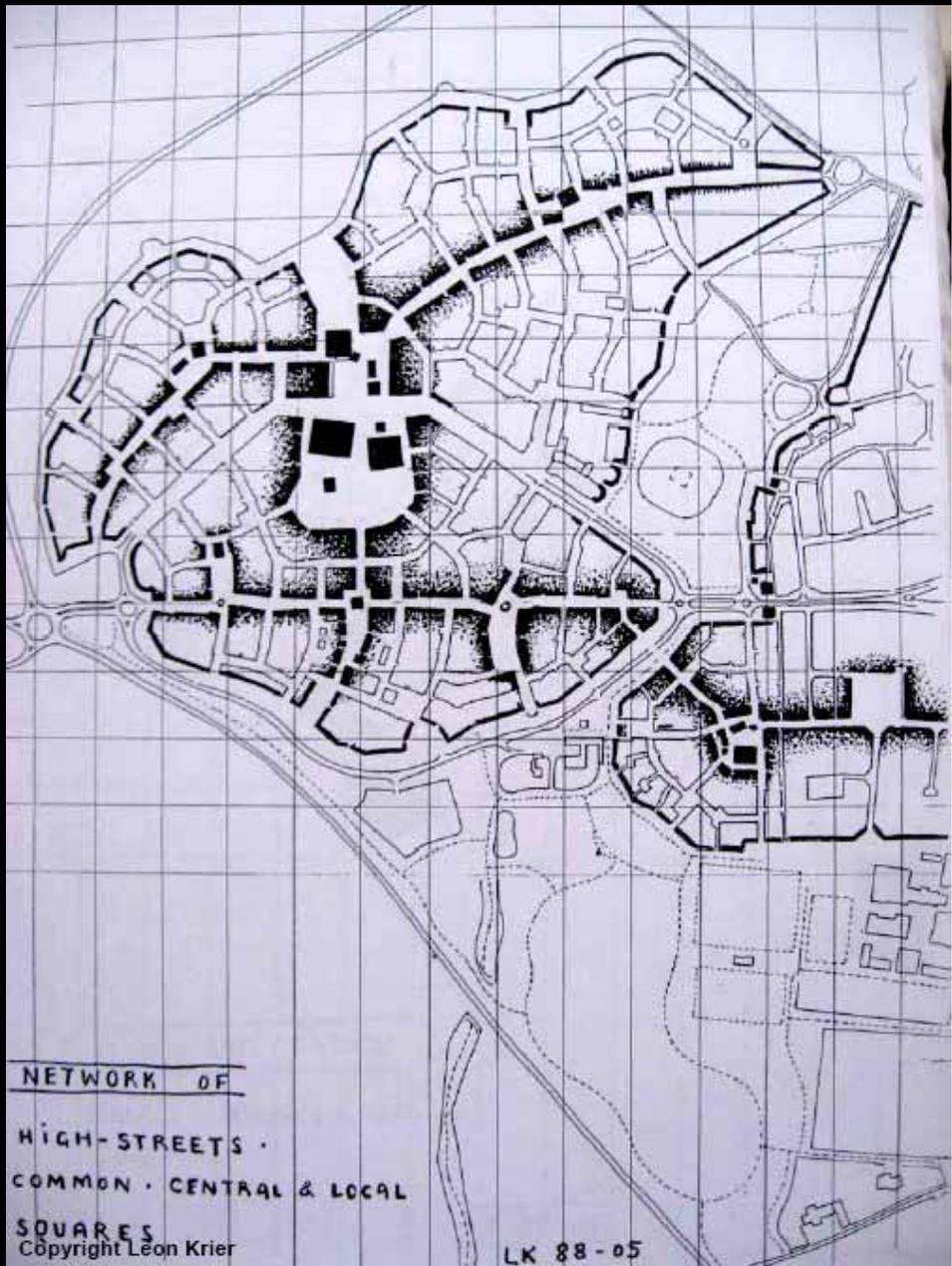
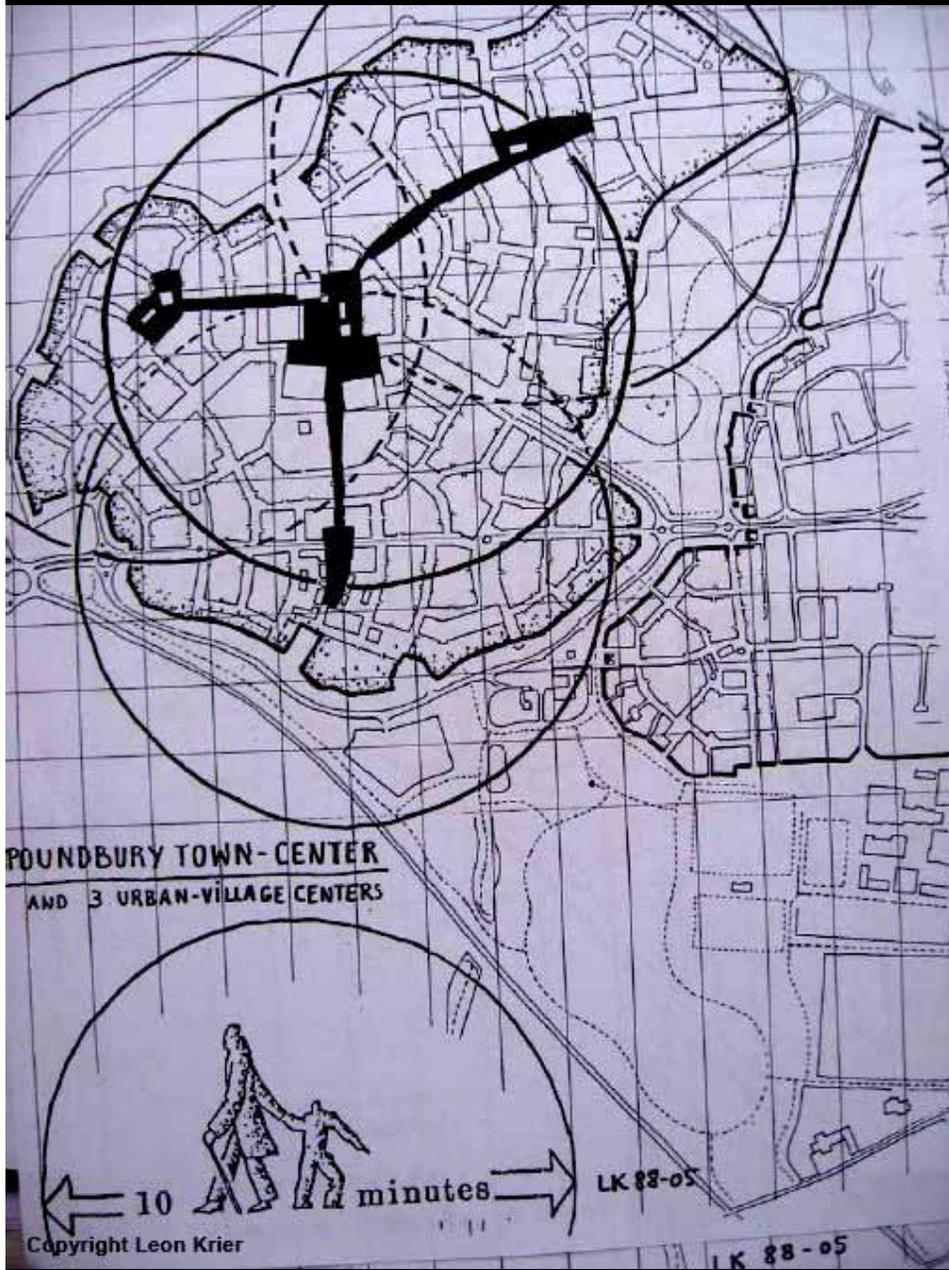
THE PERIPHERY HAS TO BE TRANSFORMED INTO
MANY
AUTONOMOUS CITIES

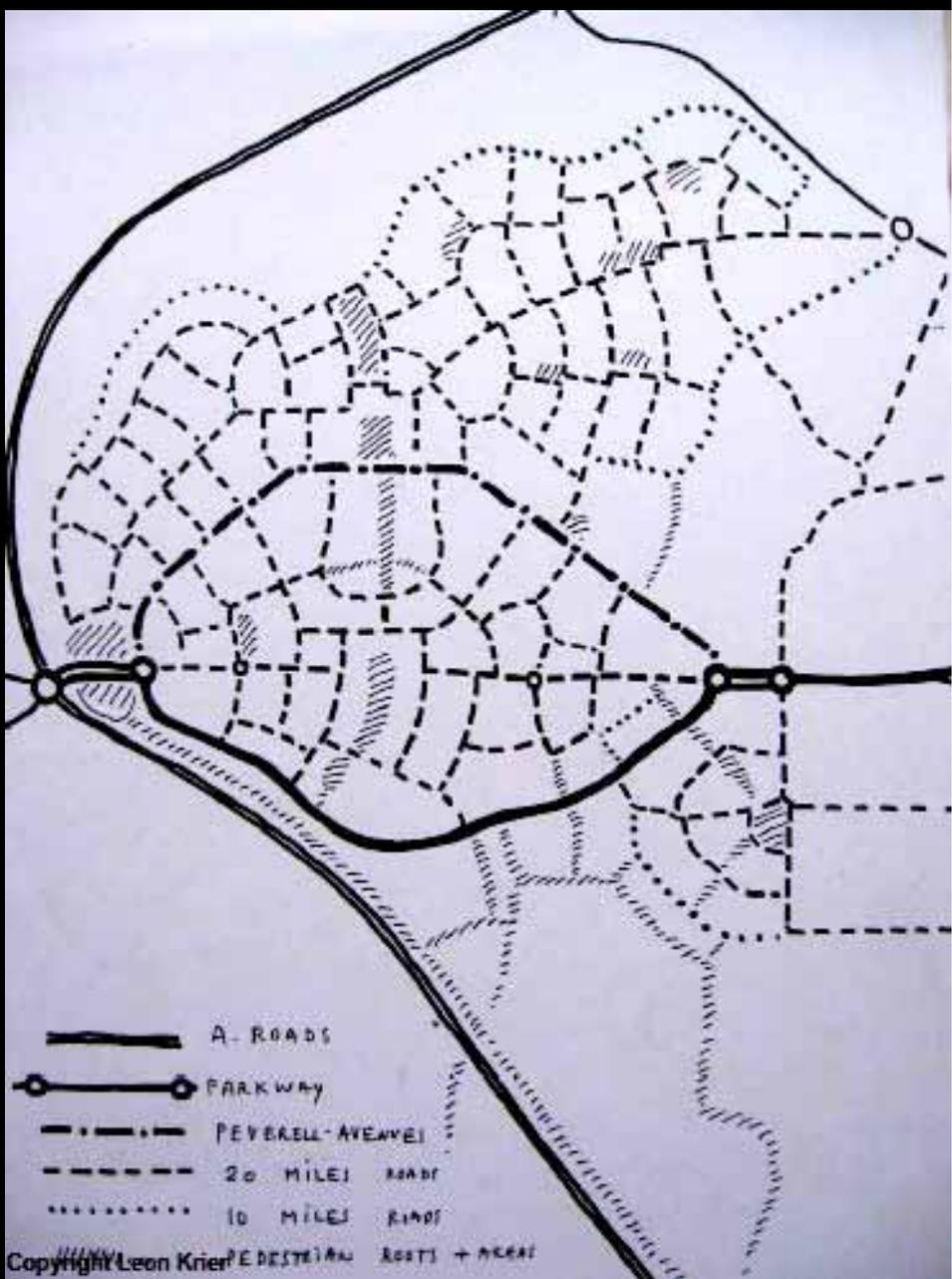


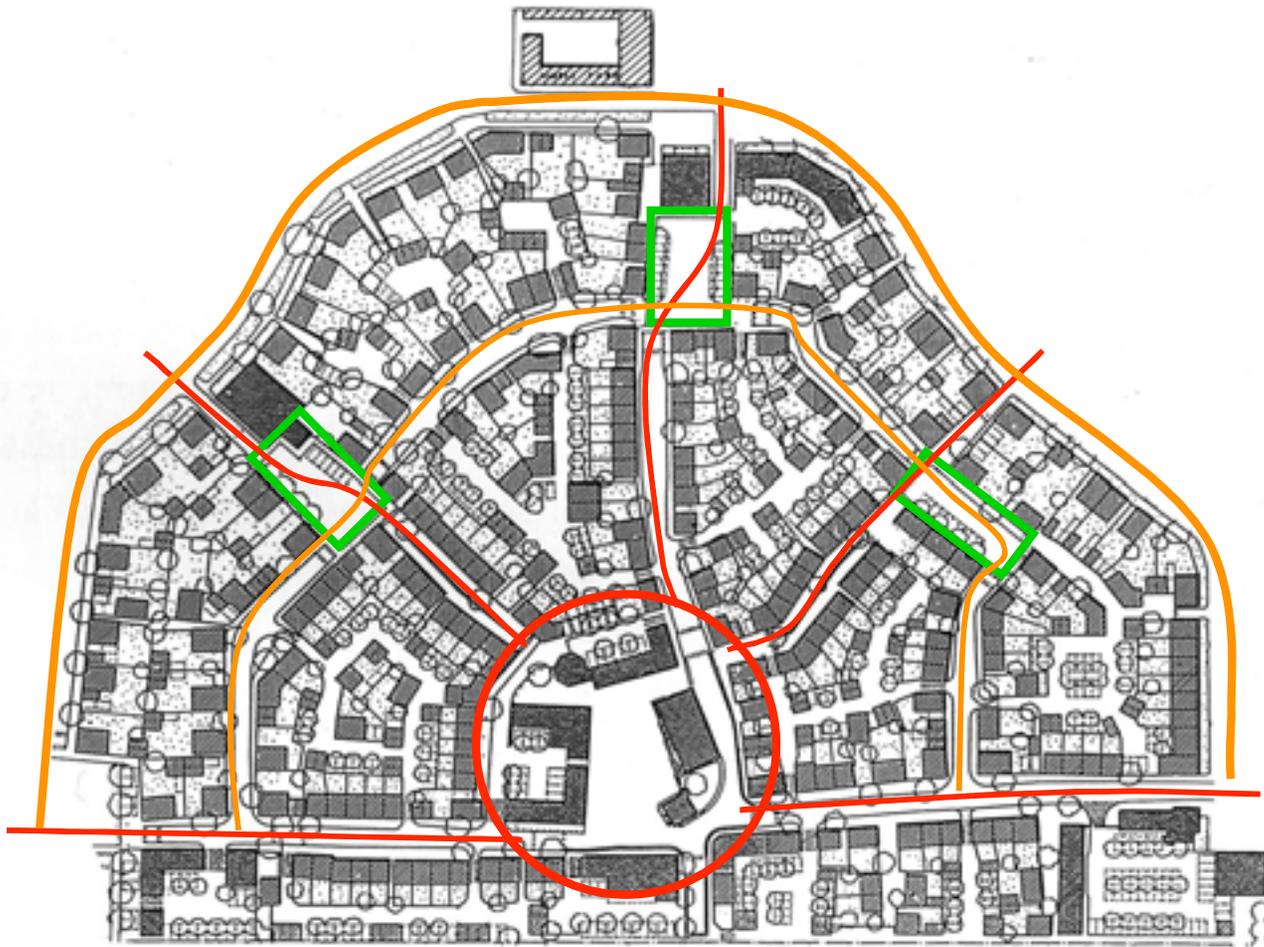
CITIES WITHIN THE CITY

GLOBAL NETWORKS









Permeable Streets and Hierarchy of Public Space

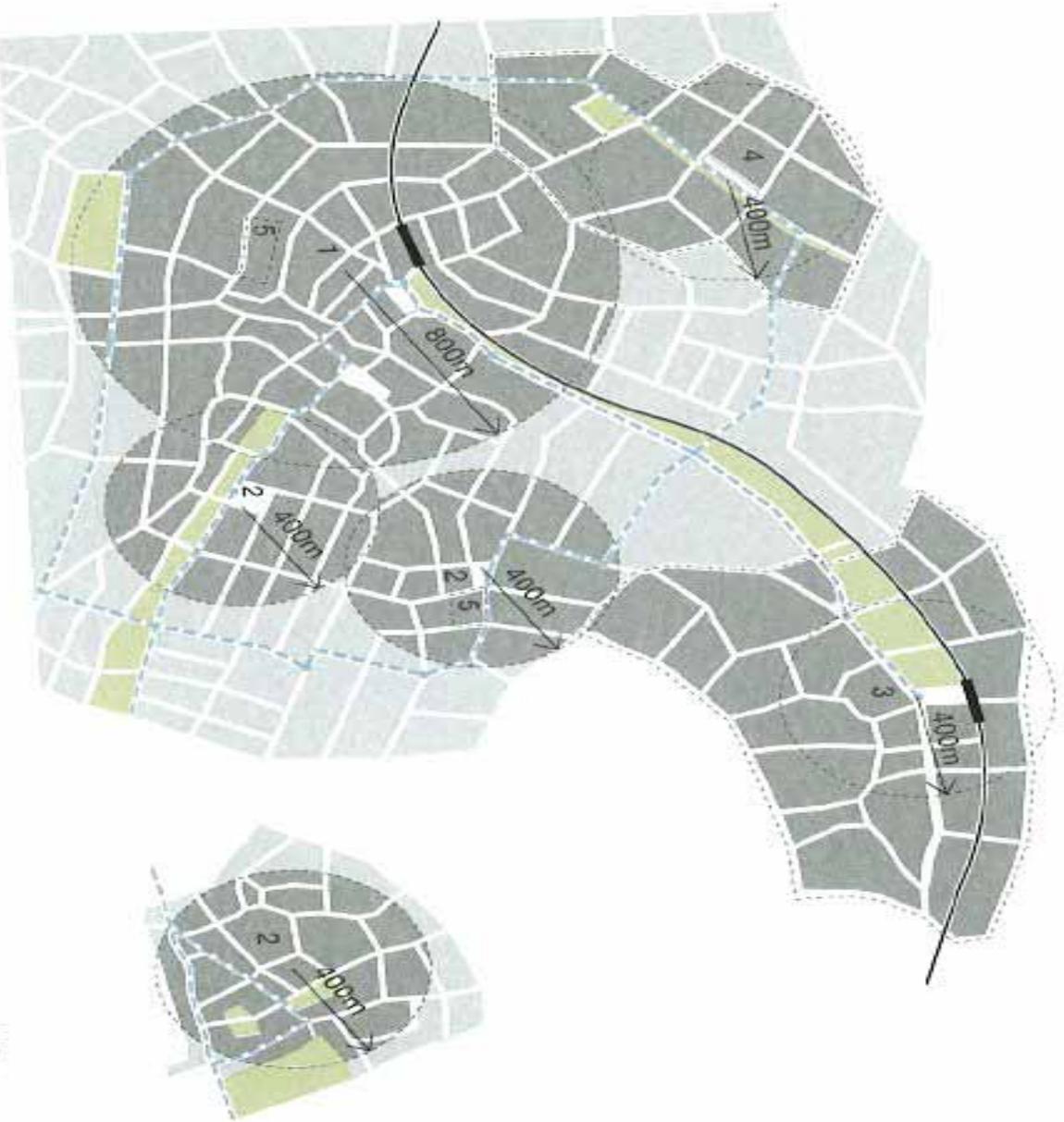


Image 9
 Assembled town diagram and
 small urban centre

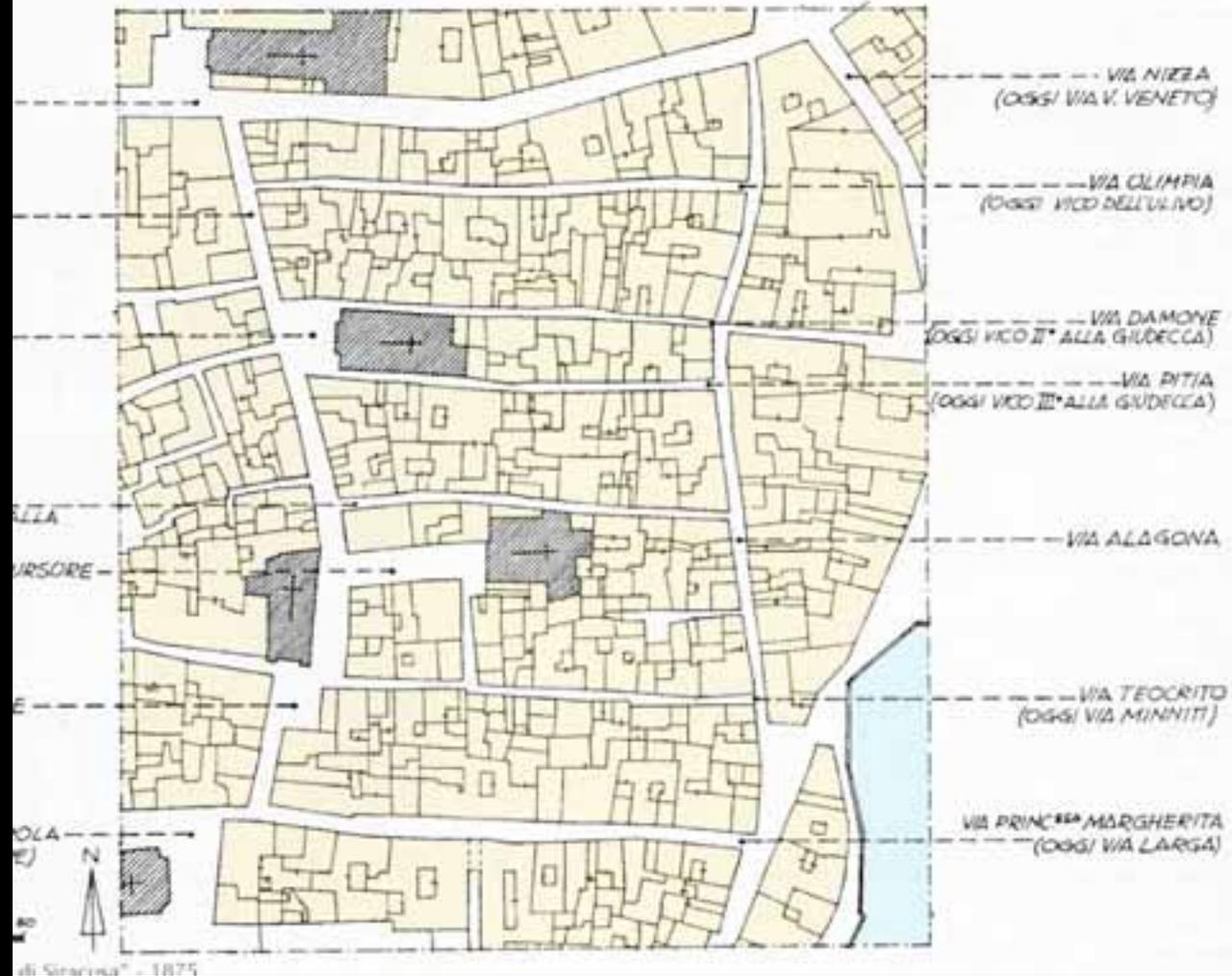
1. Urban centre
2. Neighbourhood/small urban centre
3. Sustainable urban extension
4. Large urban infill
5. Small urban infill

-  Railway station
-  Green space
-  Bus route

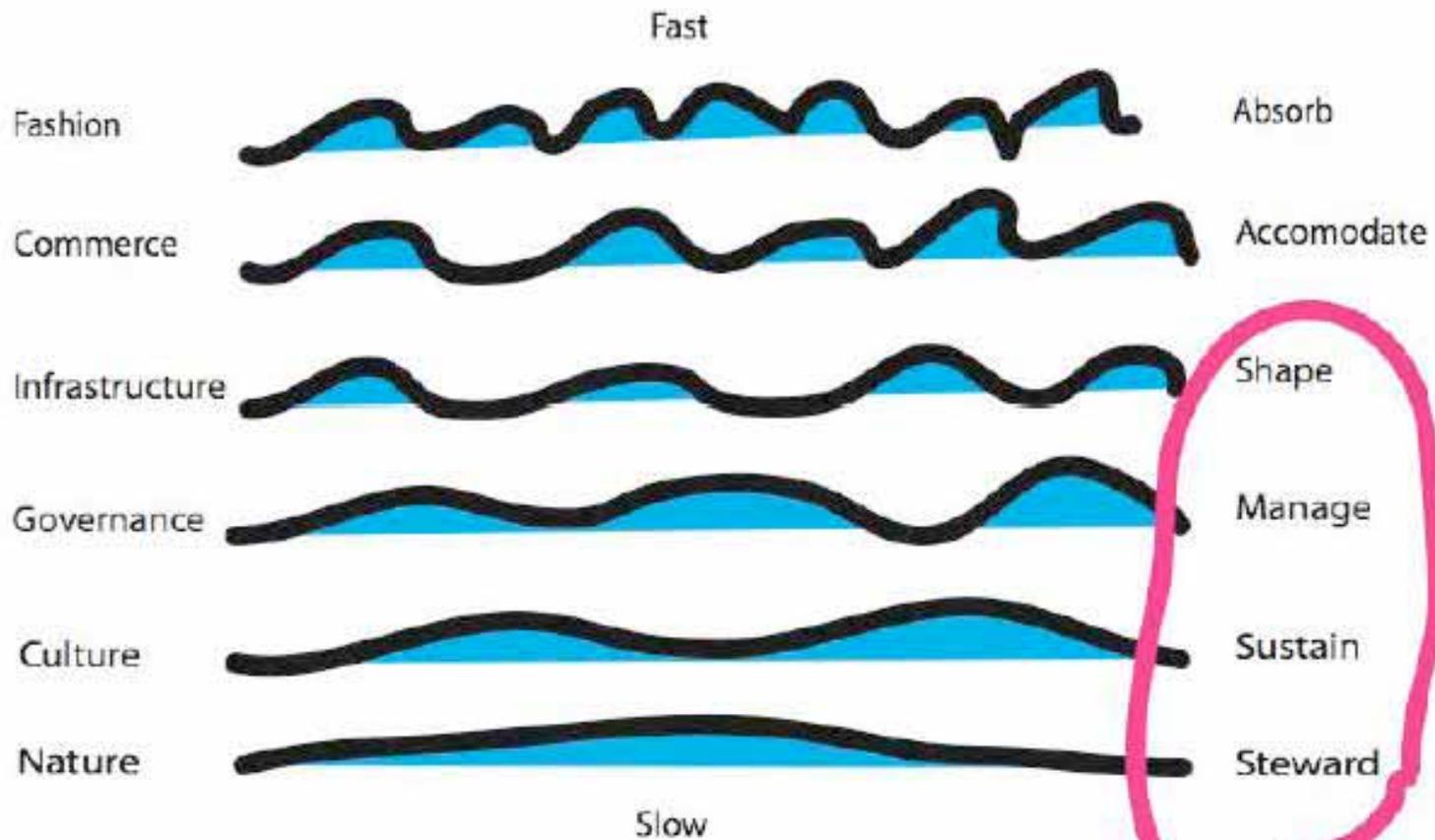


DELLA GIUDECCA (ii)

NOTE PER UNA RICOSTRUZIONE DELL'ASSETTO ORIGINARIO SULLA BASE DELLA LETTURA DELLE STRUTTURE URBANE ALLO STATO ATTUALE.



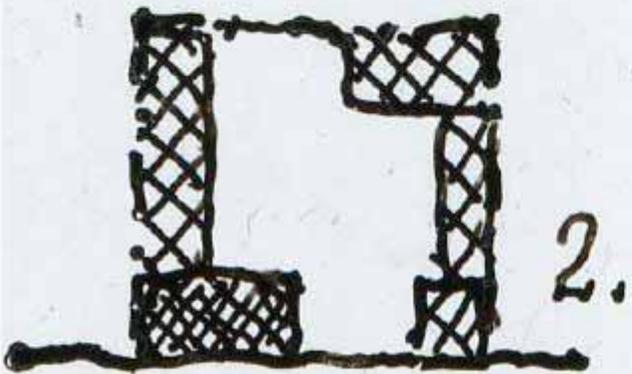
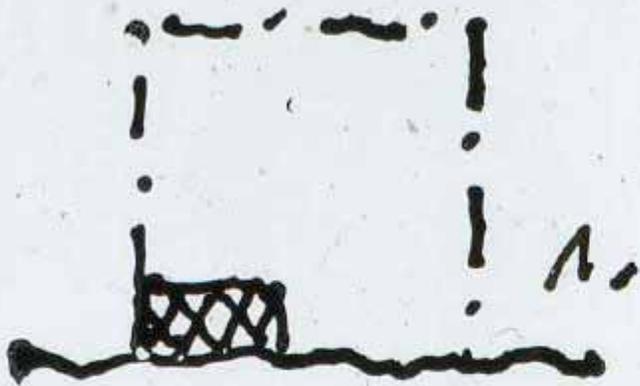




Rates of Change in Cities and Towns

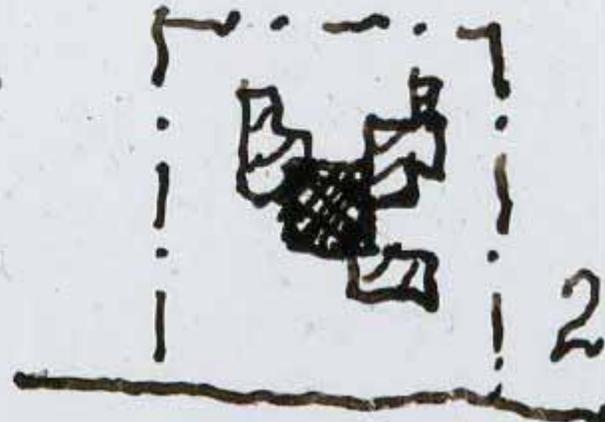
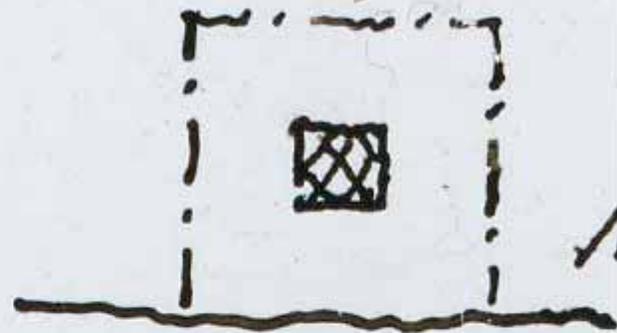
**Green
Urbanism**

URBAN



Copyright Leon Krier

SUB-URBAN

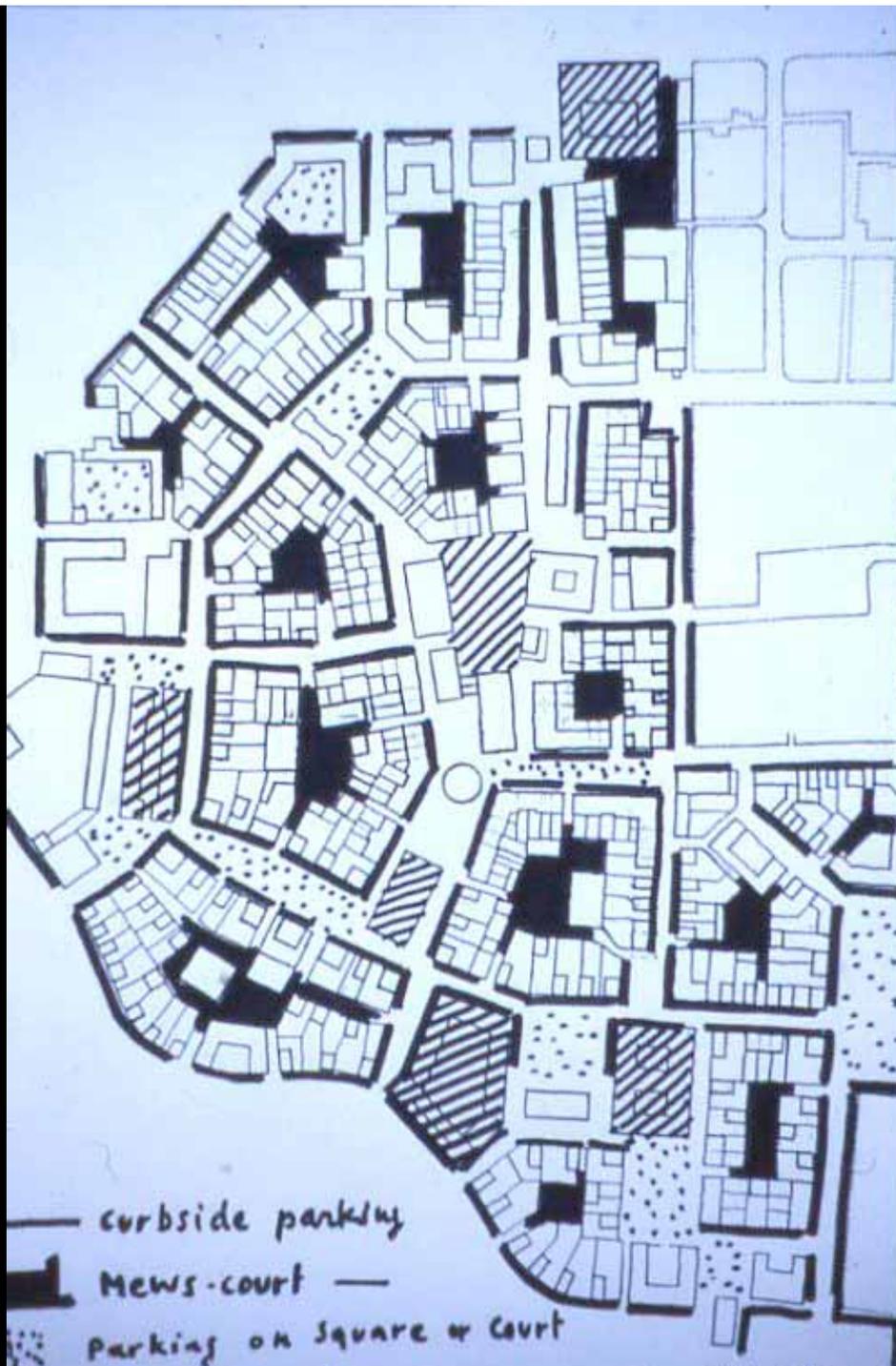


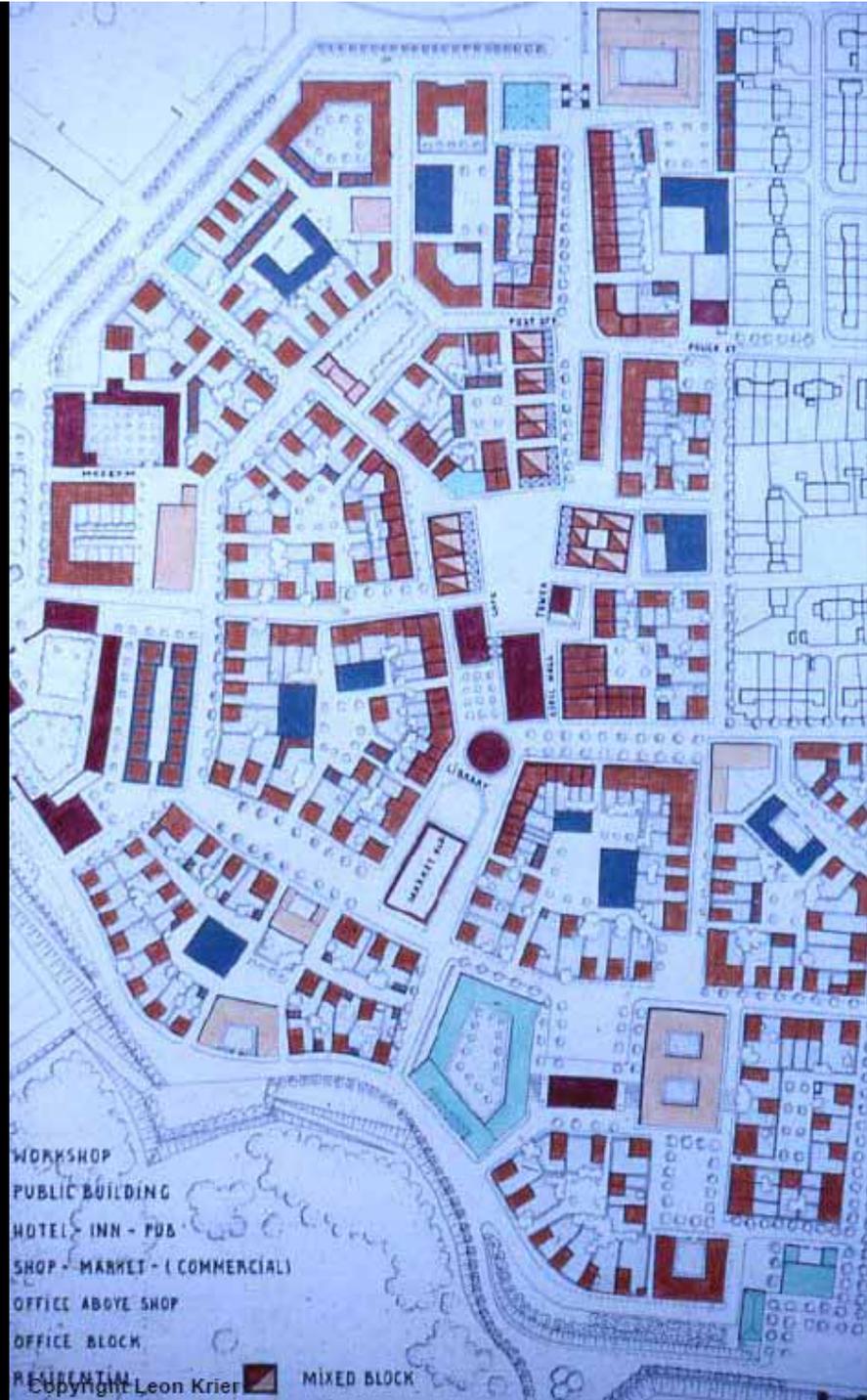


Wide Dimensional Variety of Plot Sizes

Edges and green links to the countryside







WORKSHOP
PUBLIC BUILDING
HOTEL INN - PUB
SHOP - MARKET - (COMMERCIAL)
OFFICE ABOVE SHOP
OFFICE BLOCK

REURANT
Copyright Leon Krier
MIXED BLOCK



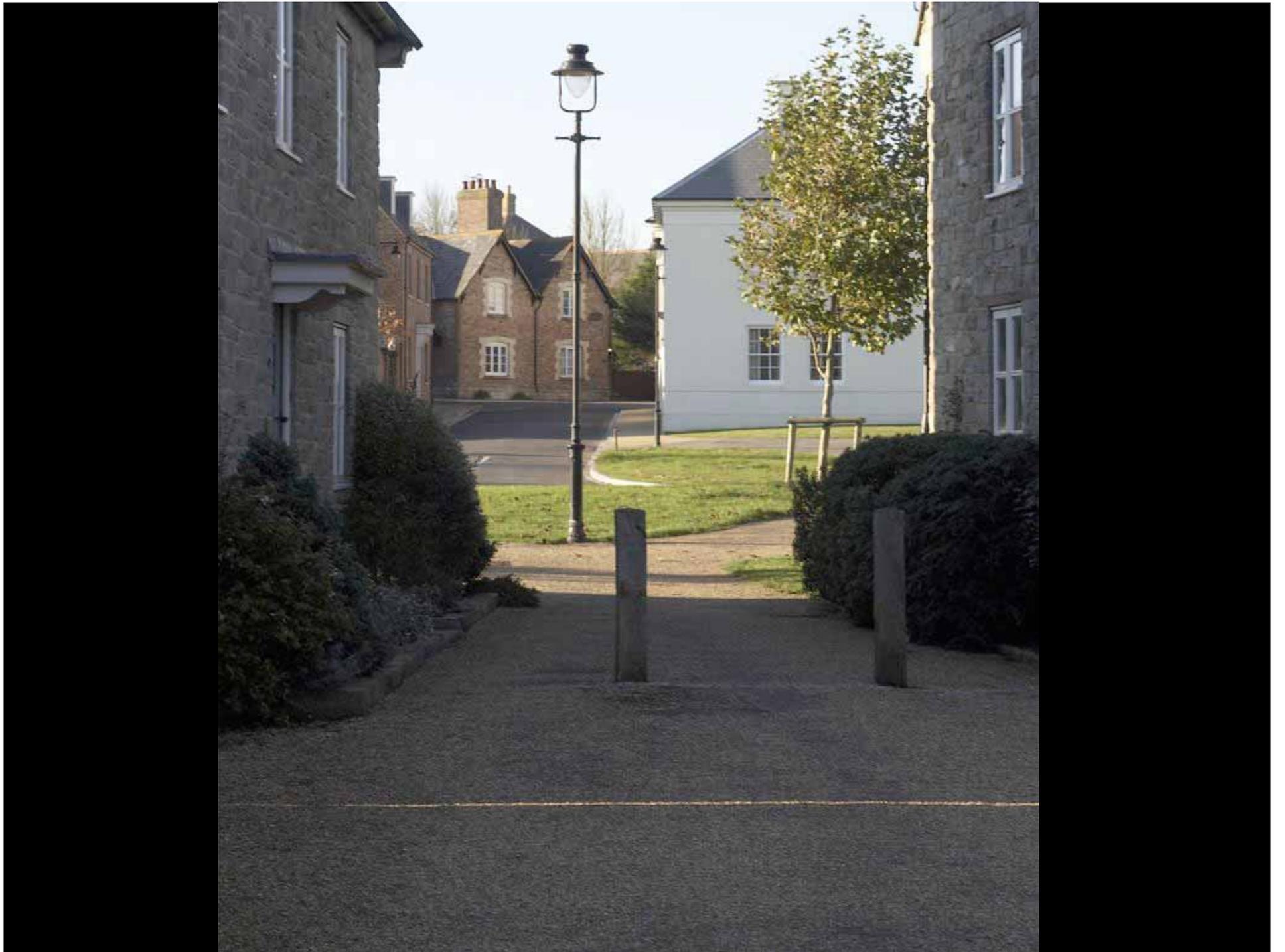




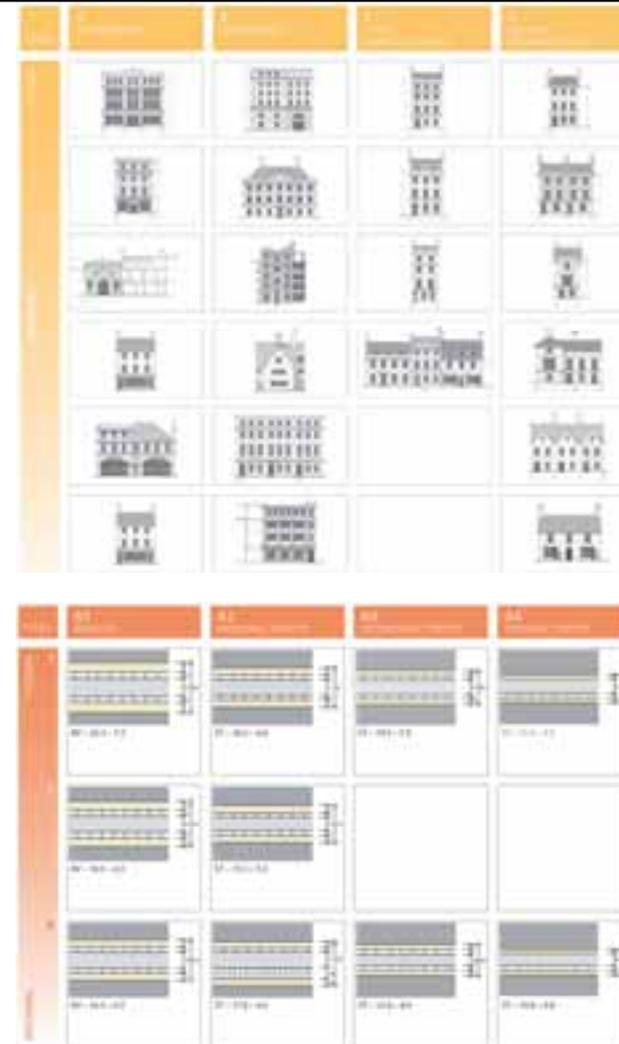
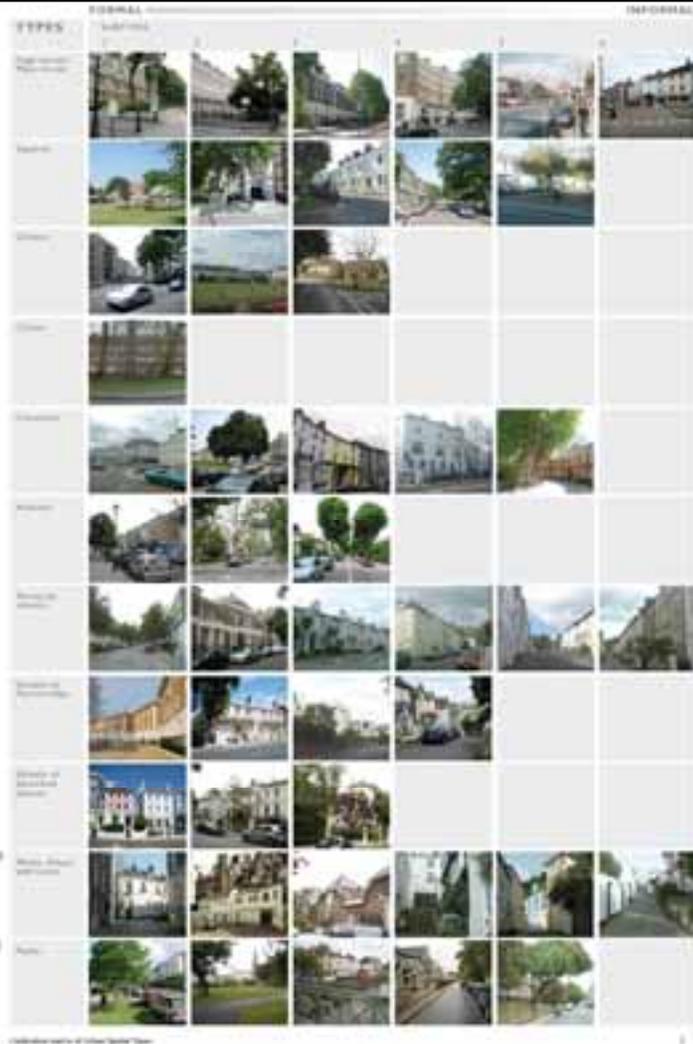
CLICKERS DRIVE







Movement, Urban Spatial & Building Types:

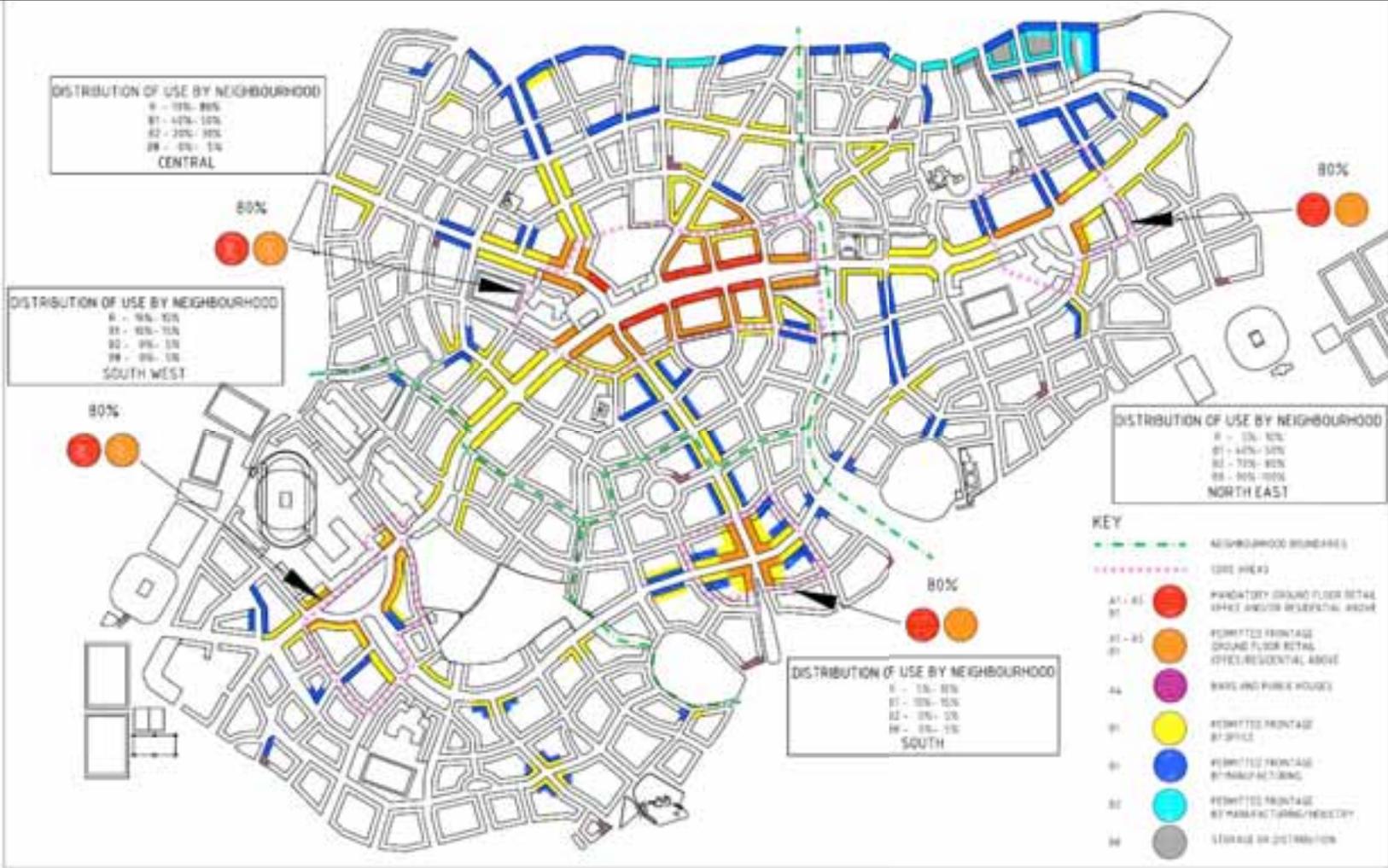


The Lexicon of Types

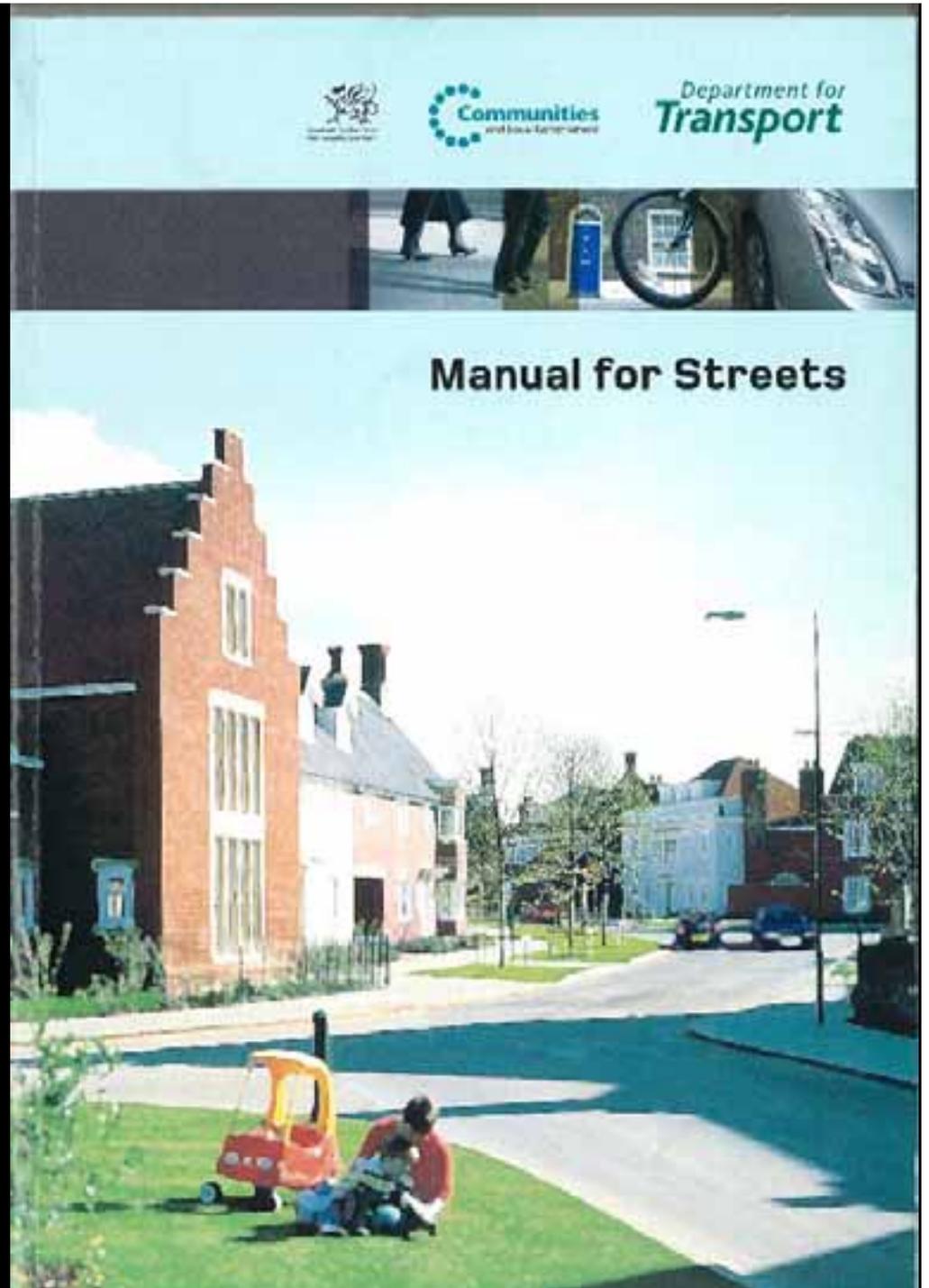
Putting it all together - street assembly

LINEAR TYPES		AVENUES	PRINCIPLE STREET		SECONDARY STREET		TERTIARY STREET		LANE	MEWS		
		FORMAL	FORMAL	INFORMAL	FORMAL	INFORMAL	FORMAL	INFORMAL	FORMAL	INFORMAL	FORMAL	INFORMAL
INGREDIENTS	SETBACK TYPE	15-20m 2 plots 4-6m 5 plots	2-4m	0.6-1m	0.6-2m	1-5m	0.6-4m	2-4m (lightwell-hard area)	0.6-2m	0.6-4m	0.6	0.6
	BUILDING TYPE	C2, C3	C2, C3	C1, C2, C3, C5	C6, C8	C6, C7, C8	C3, C4, C6, C7, C8	C3, C4, C6, C7, C8	C4, C5, C7	C4, C5, C8	C8	C8
	BUILDING CHARACTER (Quality)	Adhere to rules 1-7 (Section C)	Adhere to rules 1-7 (Section C)	No	Adhere to rules 1-7 (Section C)	No	Adhere to rules 1-7 (Section C)	No	No	No	Adhere to rules 1-7 (Section C)	No
COMPOSITION	REGULARITY OF PLOT WIDTH	Uniform	Uniform	Variable	Regular	Variable	Uniform	Regular/Variable	Variable	Variable	Uniform	Regular
	CONSISTENCY OF BUILDING TYPE	Regular	Regular (Groups)	Variable	Regular	Variable	Uniform	Variable	Regular/Variable	Variable	Uniform	Regular
	FLOOR/ROOF HEIGHTS	Uniform	Regular	Variable	Uniform (Groups)	Variable	Uniform/Regular	Variable	Variable	Variable	Uniform	Regular
	CONSISTENCY OF BUILDING LINE	Uniform	Uniform	Regular/Variable	Uniform	Regular/Variable	Uniform	Regular/Variable	Regular/Variable	Variable	Uniform	Regular
	VARIETY OF MATERIAL/COLOUR	Uniform	Uniform	Variable	Regular	Variable	Regular	Regular/Variable	Regular/Variable	Variable	Uniform	Regular/Variable

New Settlements – Town Wide Regulations

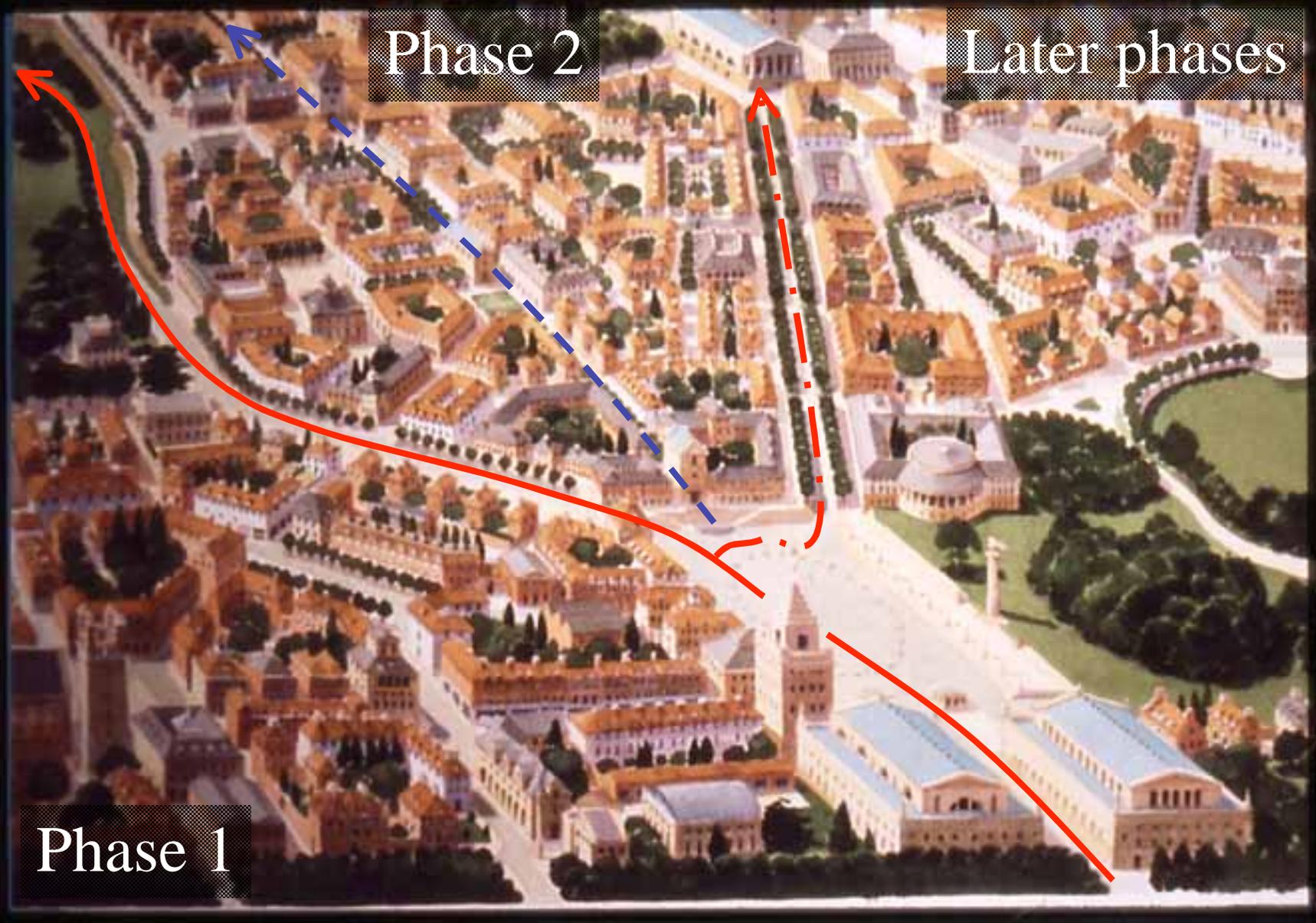


- 1977 Design Bulletin 32
- 1988 Poundbury
- 1998 'Places Streets & Movement'
- 2002 CABE / ODPM 'Paving the Way'
- 2006 DCLG 'Strong Prosperous Communities'
- 2007 Manual for Streets



Signage



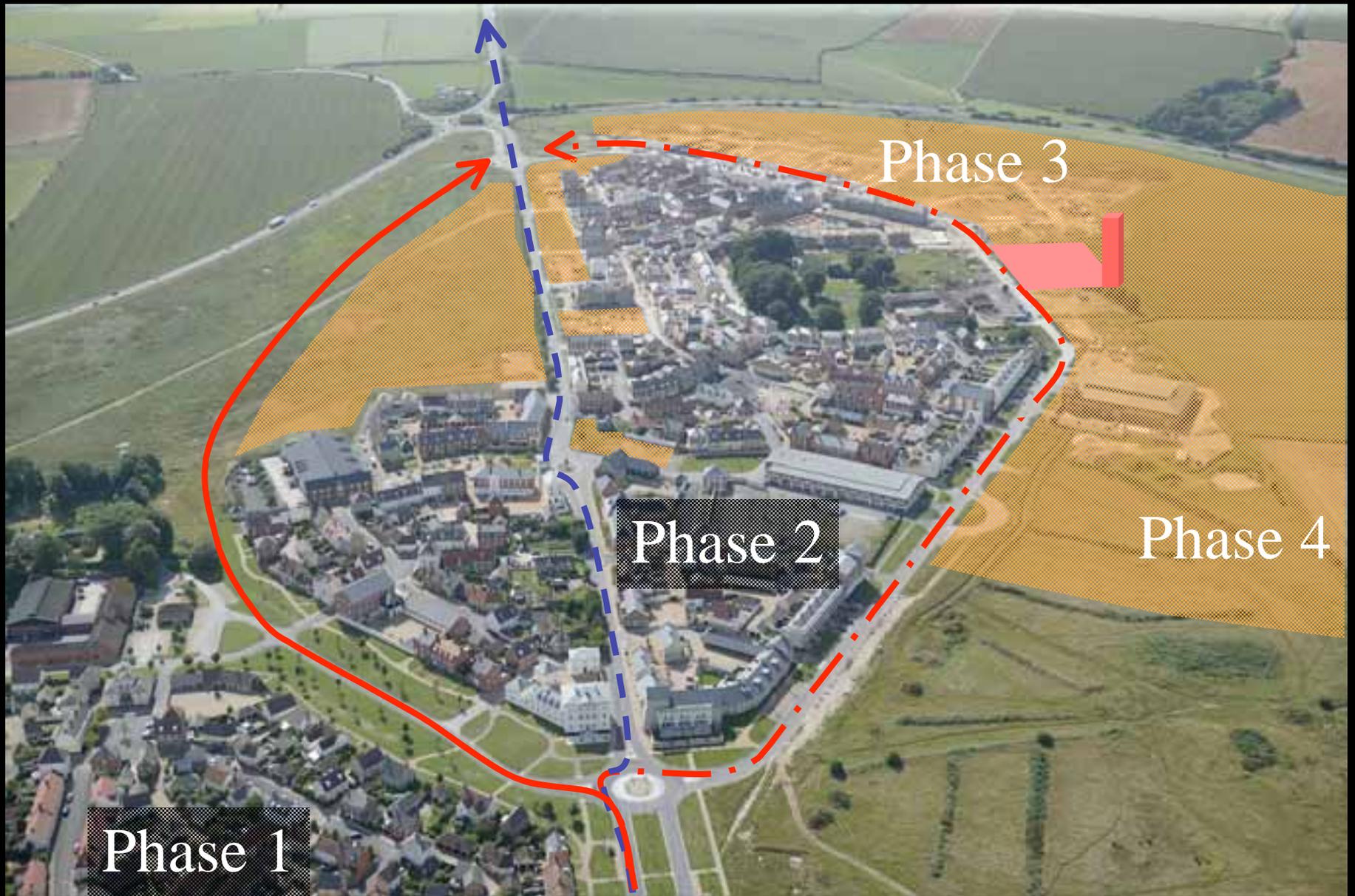


Phase 1

Phase 2

Later phases

From Vision



Phase 1

Phase 2

Phase 3

Phase 4

To Reality

Places for Movement:
The Street and square vs
The road and open space

Noel Isherwood
Princes Foundation