

The Built Environment

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Green Consulting Group, Orlando Florida: 2004-2008

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The Built Environment



The Built Environment

Personal & Public
Health

Energy Consumption

Personal & Public Health

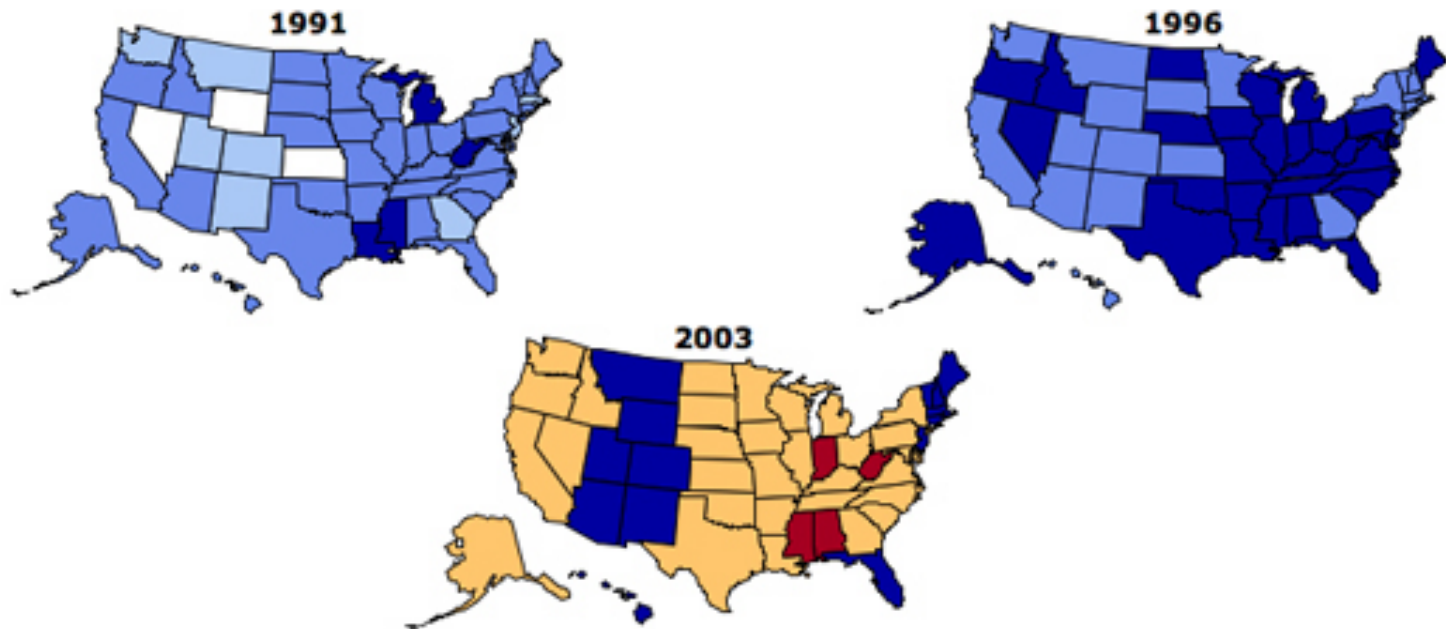


- Chronic Diseases
 - Obesity
 - Mental Health
 - National Health Policy
-
- Culture of Conflict Avoidance v. Culture of Conflict Resolution
 - Intergenerational exchange of information

Personal & Public Health

Obesity Trends* Among U.S. Adults BRFSS, 1991, 1996, 2003

(*BMI ≥ 30 , or about 30 lbs overweight for 5'4" person)



Source: Behavioral Risk Factor Surveillance System, CDC.



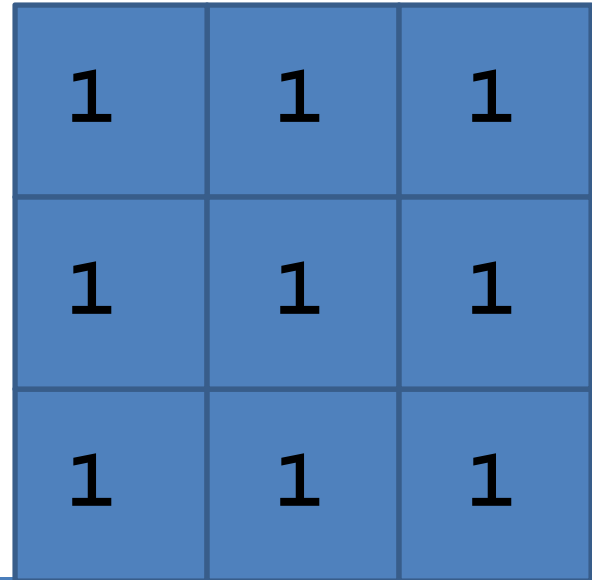
Energy Conservation

Given two projects:

Project A: 9 families living on 1 acre or

Project B: 9 families living on 9 acres

On an existing road with existing utilities.



A

B

Energy Conservation

Roads:

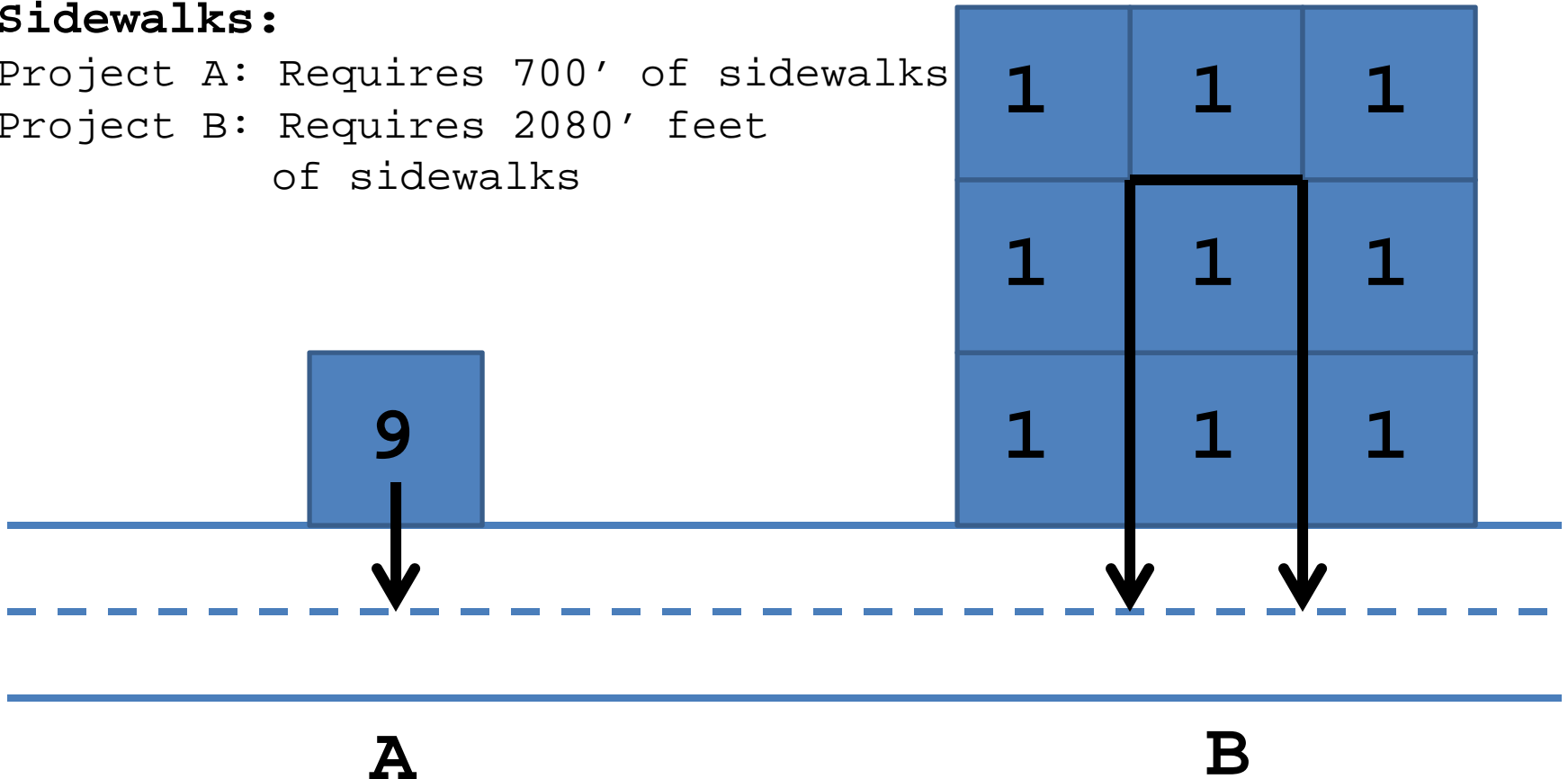
Project A: Requires ~1050 s.f. of surface asphalt

Project B: Requires ~32,000 s.f. of surface asphalt

Sidewalks:

Project A: Requires 700' of sidewalks

Project B: Requires 2080' feet
of sidewalks

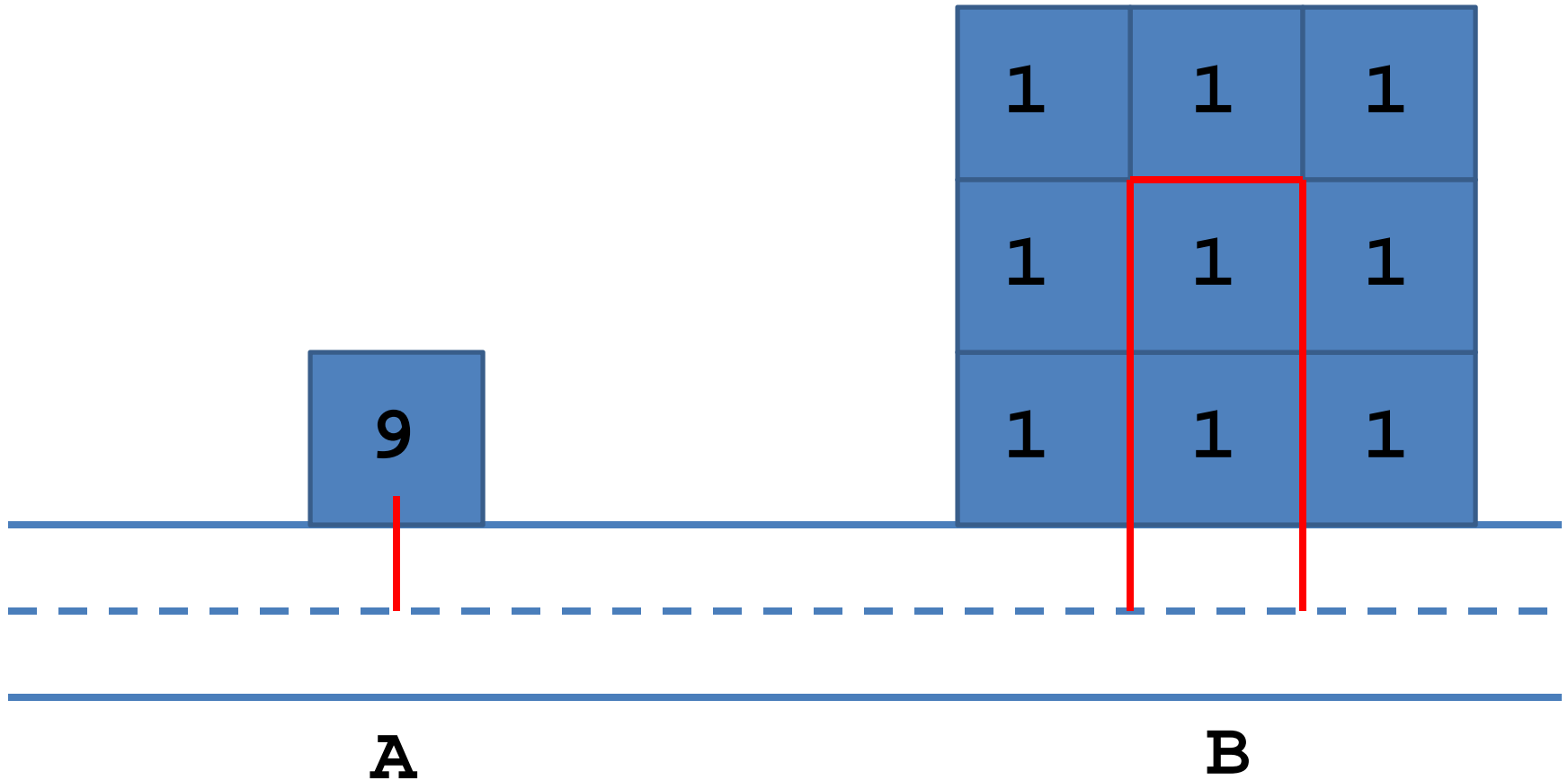


Energy Conservation

Utilities:

Project A: Requires 530 linear feet of pipe and cable

Project B: Requires 2,100 linear feet of pipe and cable

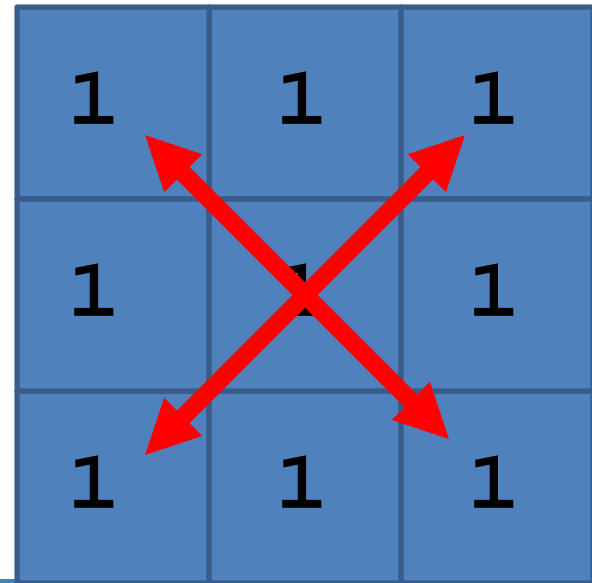


Energy Conservation

Culture and Interactions:

Project A: Average distance between homes ~130 feet

Project B: Average distance between homes ~300 feet



A

B

The Future is in our Past



- Developing a Vernacular
- Reexploring old urban types
- Rediscovering old construction techniques