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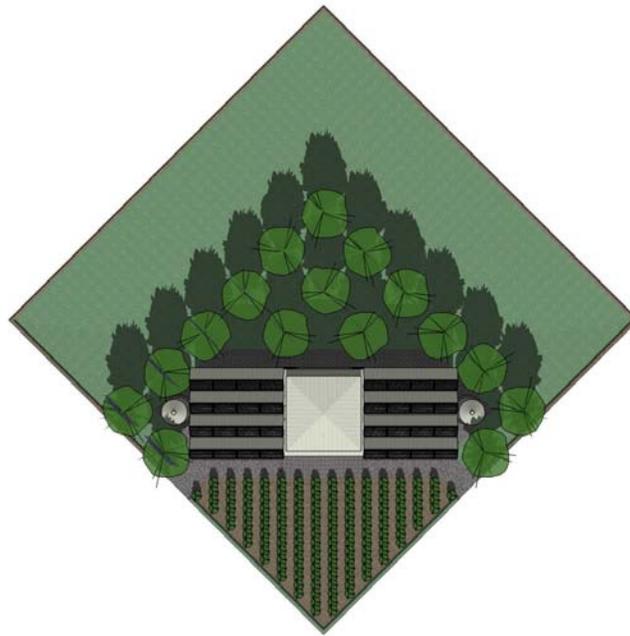
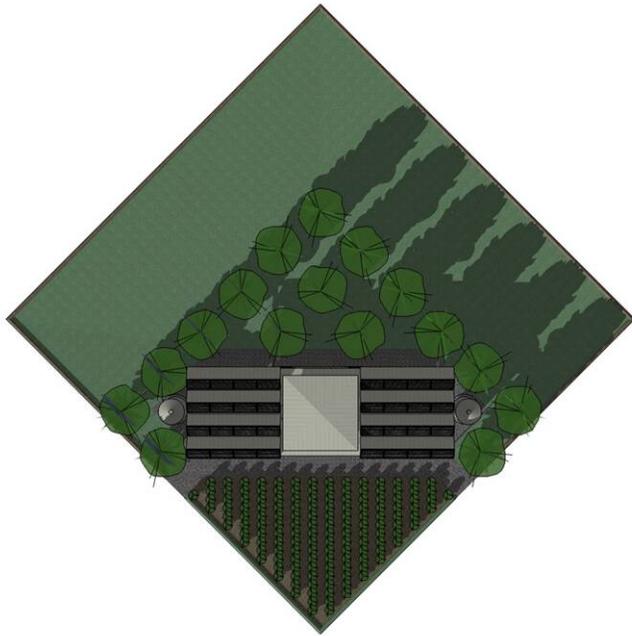
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ROOAM

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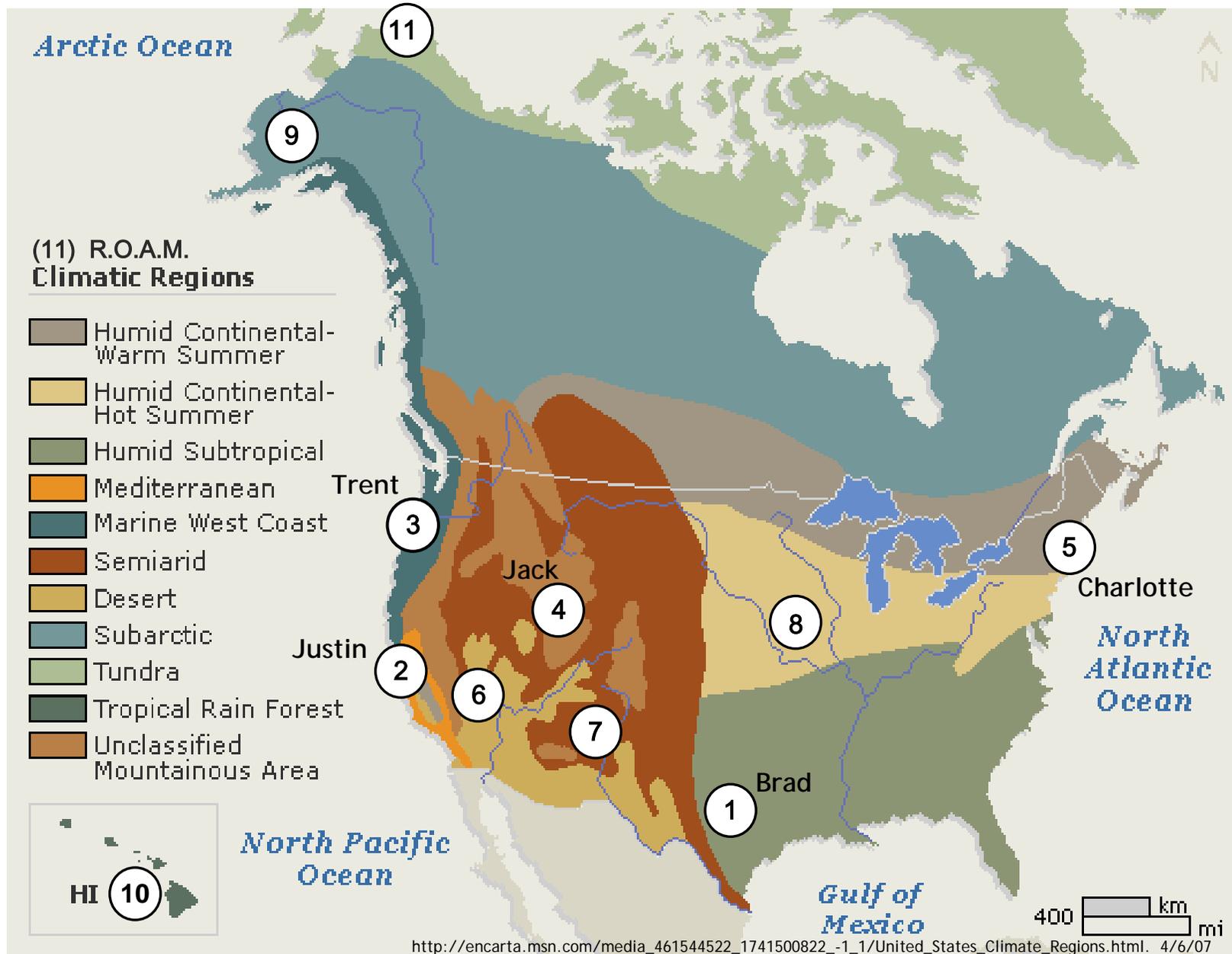


REGIONALIST ONTOLOGICAL & ANTHROPOCENTRIC MECHANIZATION

REGIONALIST

the theory or practice of emphasizing the regional characteristics of locale or setting

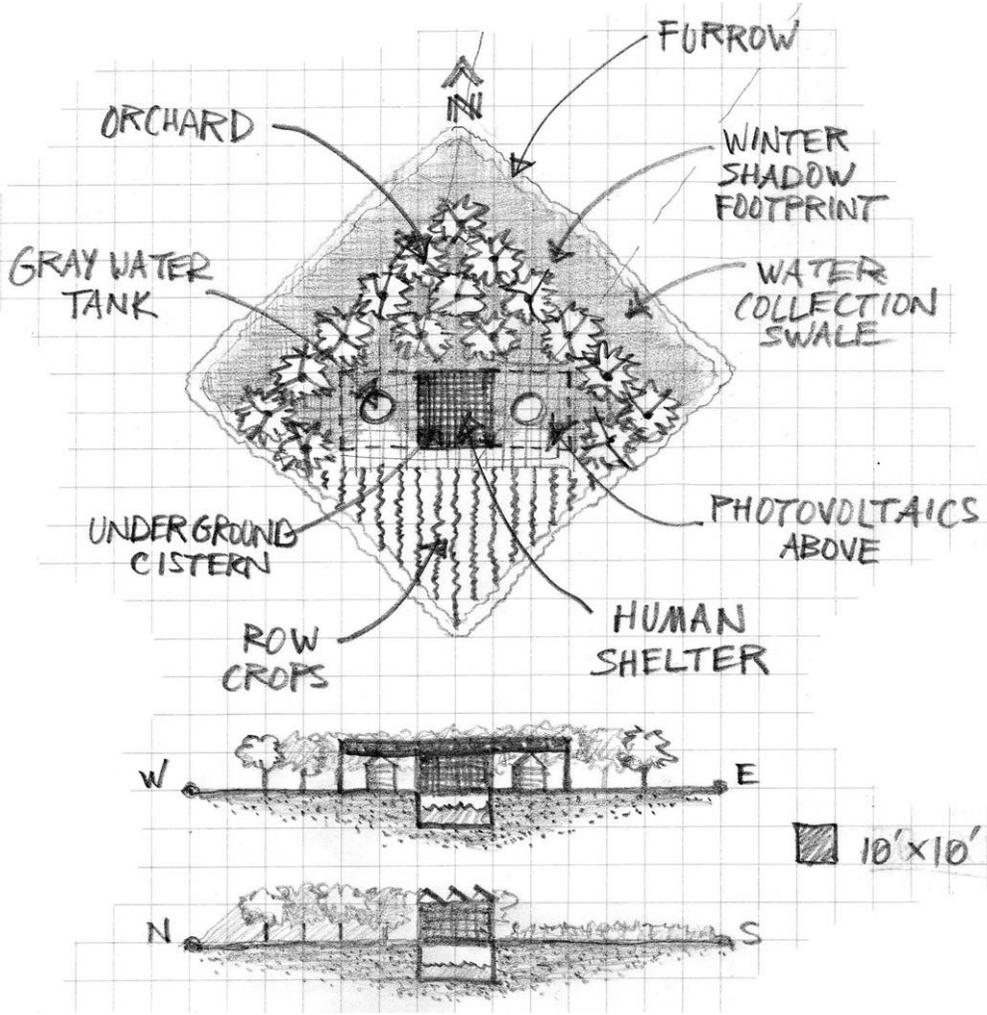
Dictionary.com Unabridged (v 1.1) Based on the Random House Unabridged Dictionary, © Random House, Inc. 2006. 3/24/07



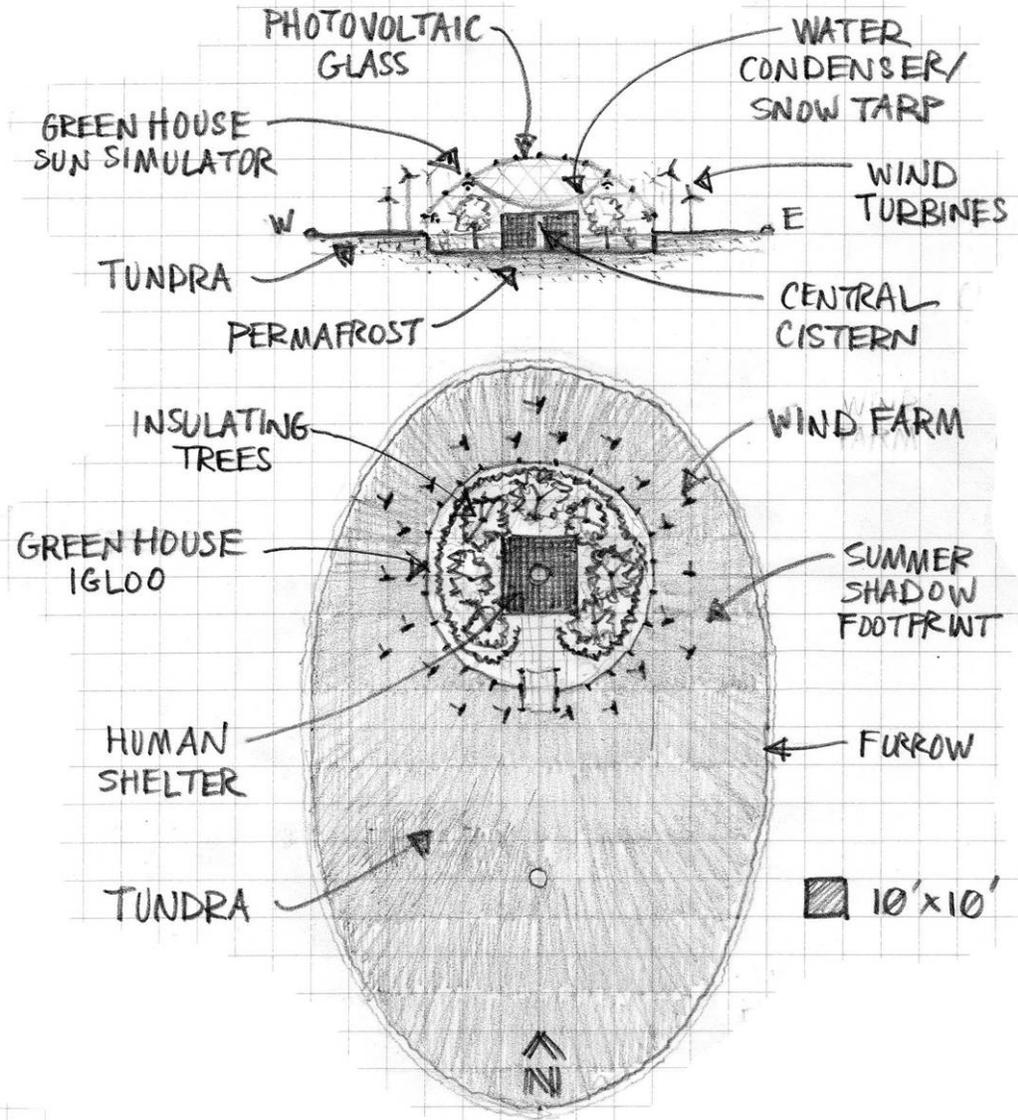
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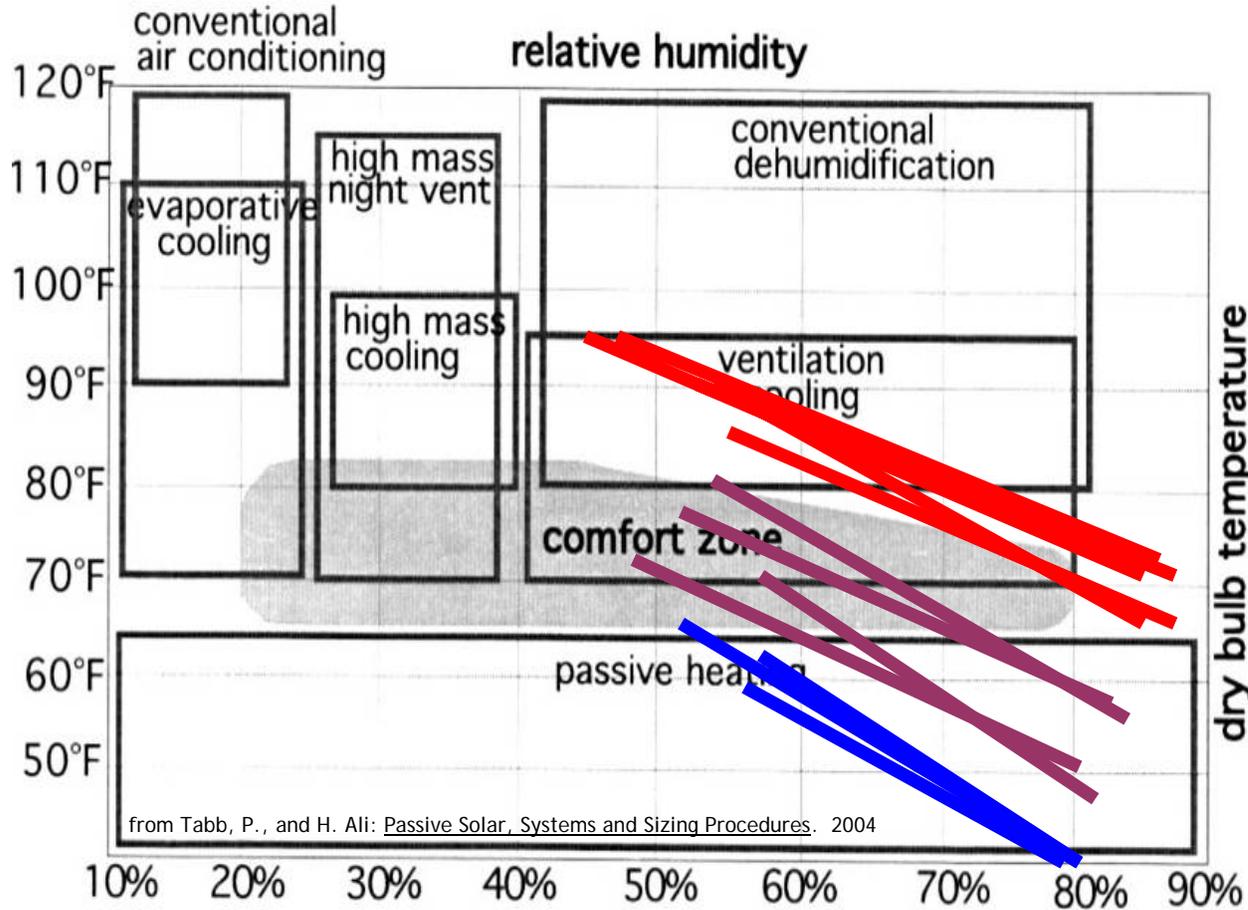
Post Oak ROAM
Central Texas



Tundra ROAM
Arctic Alaska

REGIONALIST

the theory or practice of emphasizing the regional characteristics of locale or setting



based on NOAA data for Austin, TX

Climate Data	J	F	M	A	M	J	J	A	S	O	N	D
Max. Temp. (°F)	58.9	64.1	71.4	77.8	84.3	89.9	94.0	94.0	89.7	80.8	69.7	61.3
Min. Humidity (%)	57	52	49	52	57	53	47	46	54	54	58	58
Min. Temp. (°F)	37.3	41.0	48.4	56.3	65.1	70.2	71.5	70.3	65.3	56.3	45.9	38.2
Max. Humidity (%)	78	80	80	82	88	89	88	86	86	84	82	80

Wind Direction (°)	N	N	N	SE	N	N	E	SE	NE	NW	SW	S
Wind Speed (mph)	7.3	7.6	8.3	7.6	7.7	6.5	6.3	6.0	6.1	6.1	7.1	7.2

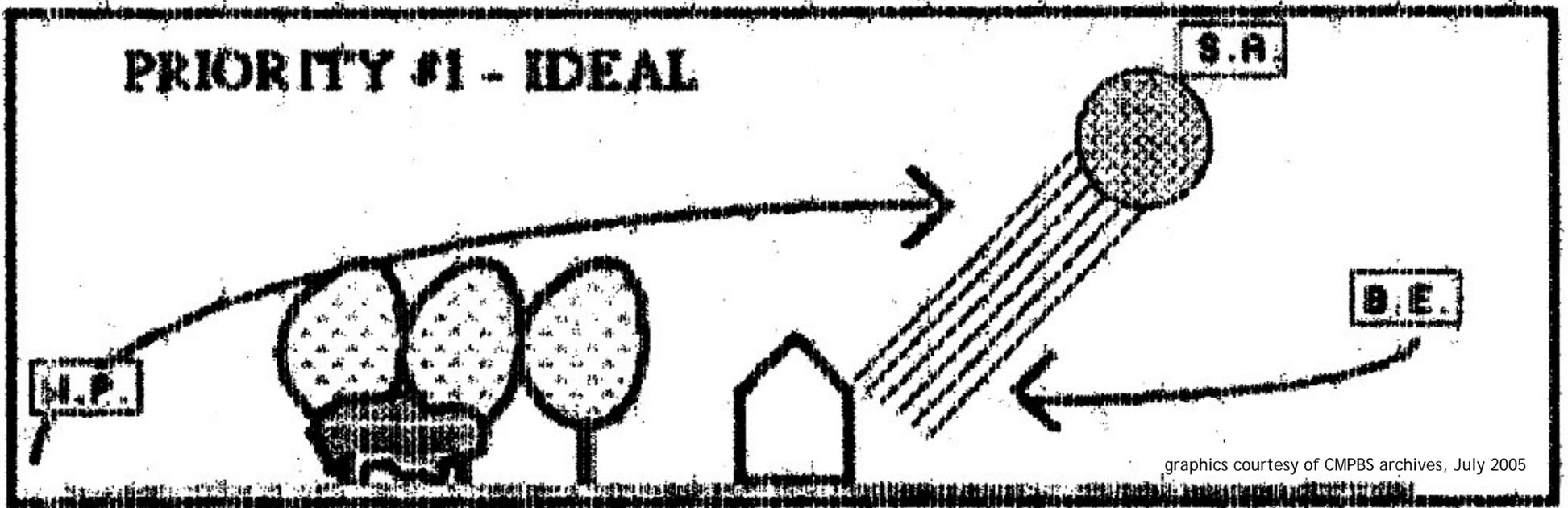
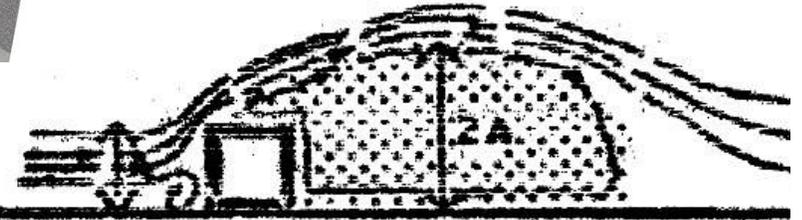
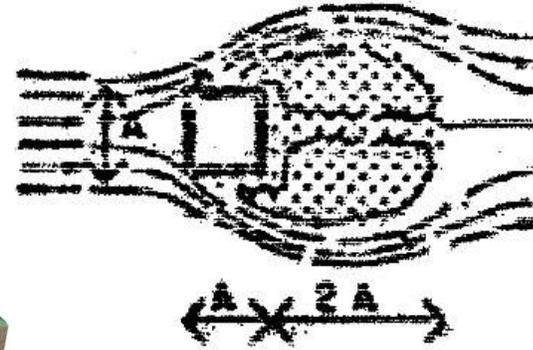


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Winter Wind Protection, Solar Access, Summer Breeze Exposure



ONTOLOGICAL

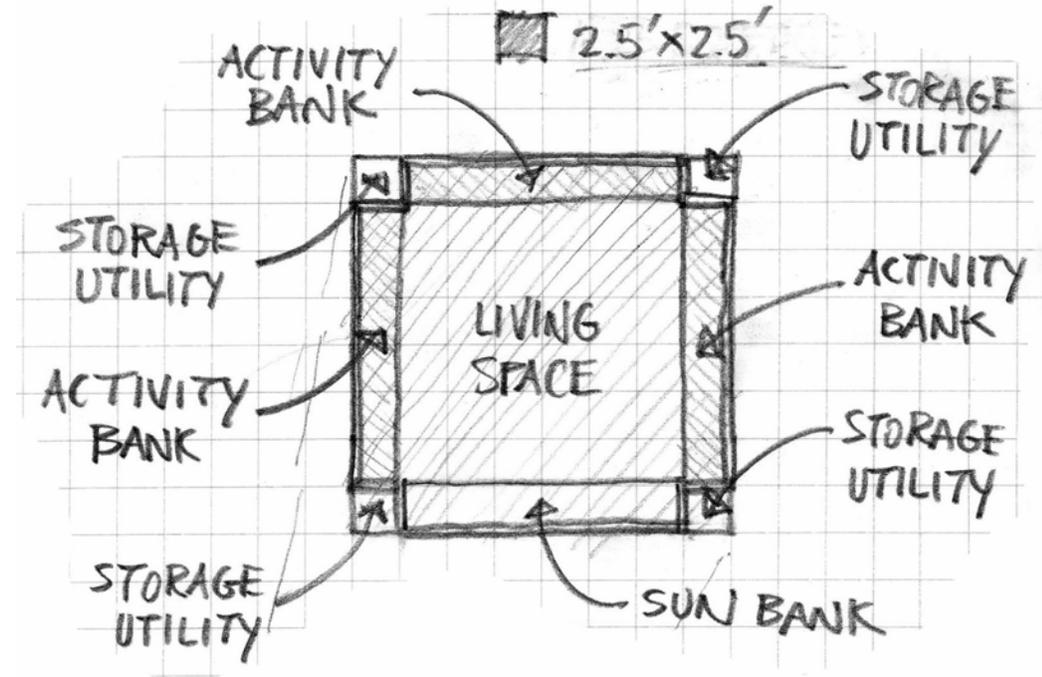
relating to essence or the nature of being

The American Heritage® Dictionary of the English Language, Fourth Edition, Copyright © 2000 by Houghton Mifflin Company.

Quotes Relating to House

Le Corbusier. Towards a new Architecture. Trans. By Frederick Etchells. Dover Publications, Inc., New York 1986.

"The primordial instinct of every human being is to assure himself of a shelter. The various classes of workers in society to-day *no longer have dwellings adapted to their needs; neither the artizan nor the intellectual.*" - pg. 8

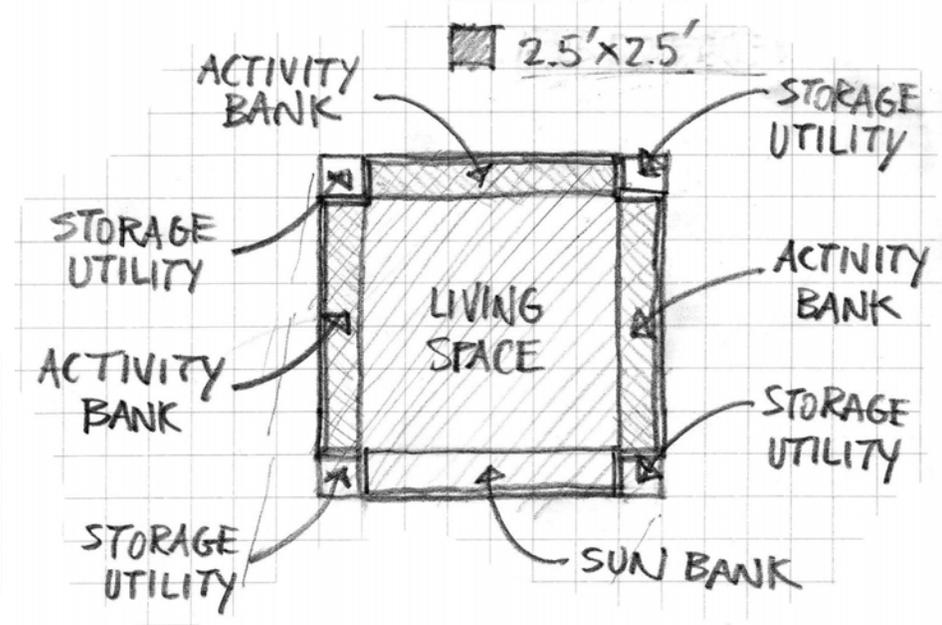


"Architecture is one of the most urgent needs of man, for the house has always been the indispensable and first tool that he has forged for himself. Man's stock of tools marks out the stages of civilization... The tool is the direct and immediate expression of progress; it gives man essential assistance and essential freedom also." - pg. 13

ANTHROPOCENTRIC

viewing and interpreting everything in terms of human experience and values

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GRPM Grounding

use planning, design, founding, construction, and operation as a demonstration of GRPM principles

Comfort Zone Push

allow temporary inhabitants to experience small-scale living, power/water use management, composting toilet, gardening, remote employment, etc.

Lifestyle Compaction

what is the absolute smallest scale of living w/ modern convenience & ecological responsibility?

Remote Employment

can modern technology create a virtual office in which employees save fuel & time costs from commute?

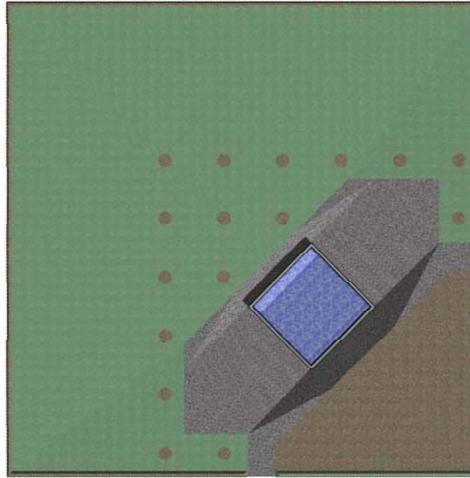
Privacy Illumination

demonstrate how interior and exterior light-level ratios affect glazing transparency - to prevent over-use of closed blinds to maximize day-lighting, ventilation, and exterior perceived social engagement

MECHANIZATION

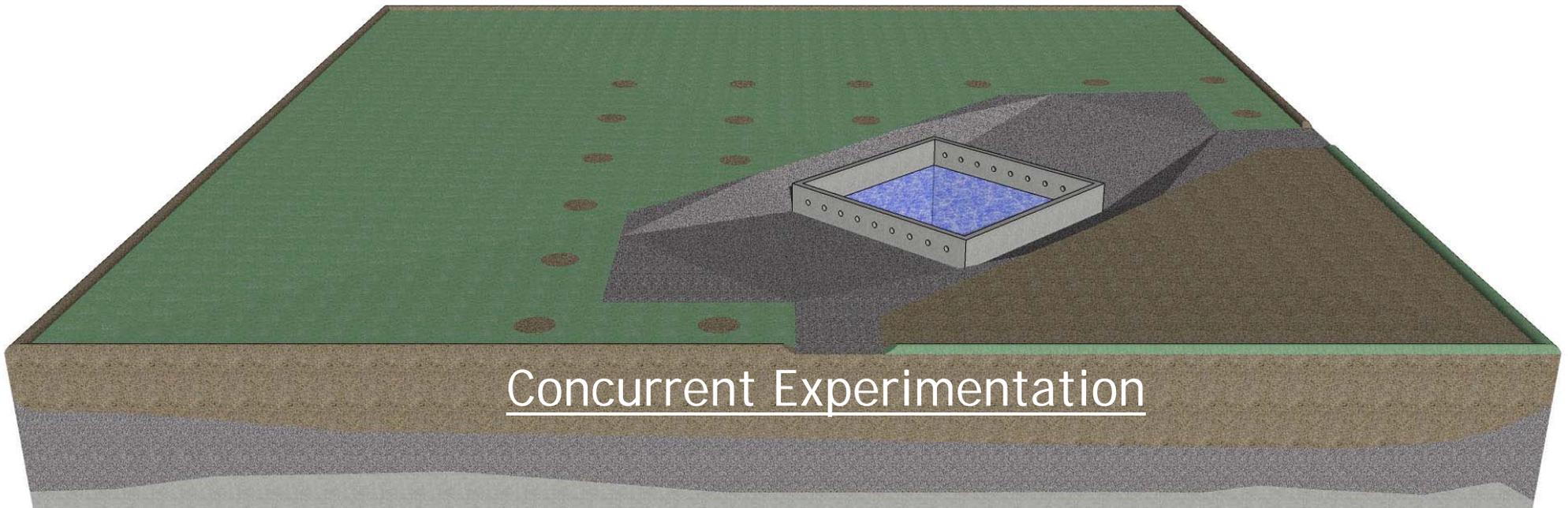
the act of implementing the control of equipment with advanced technology

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Nephron Watershed

Can each human habitat sustain its own closed water-cycle?



Concurrent Experimentation

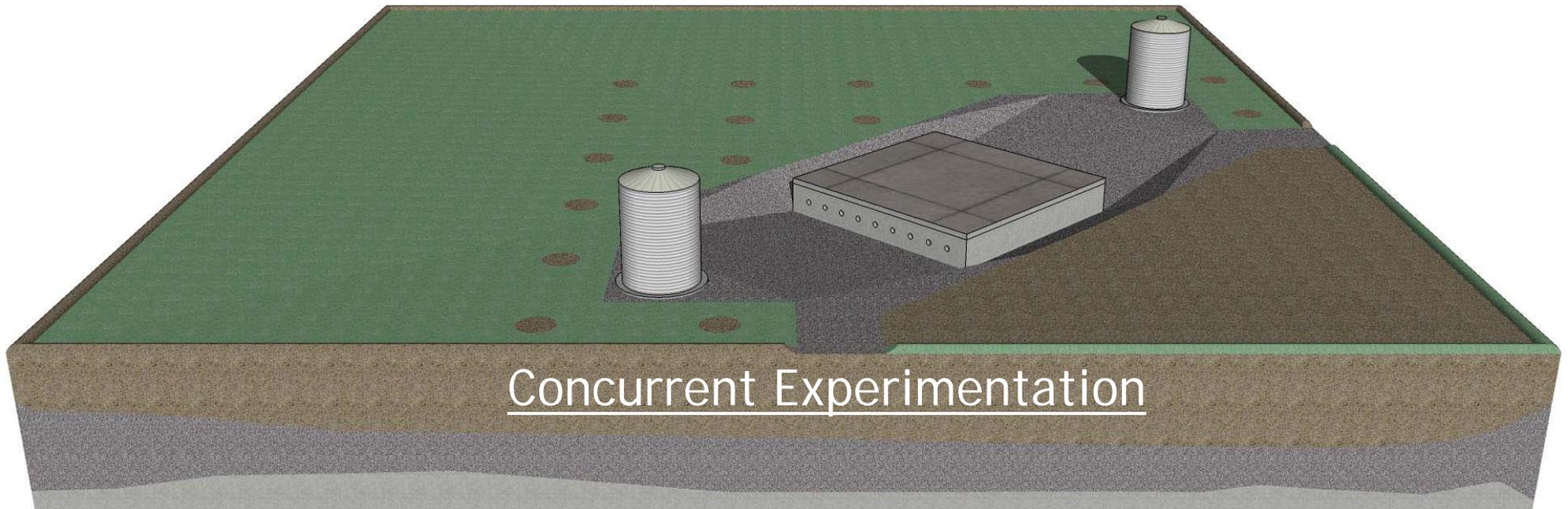
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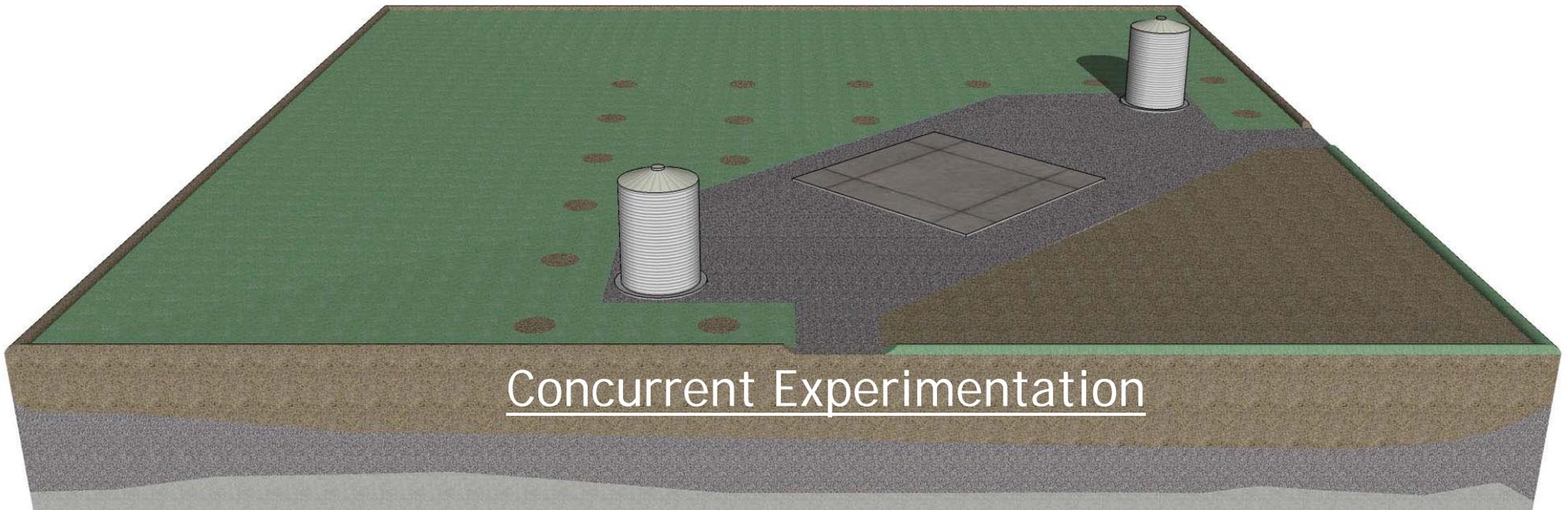
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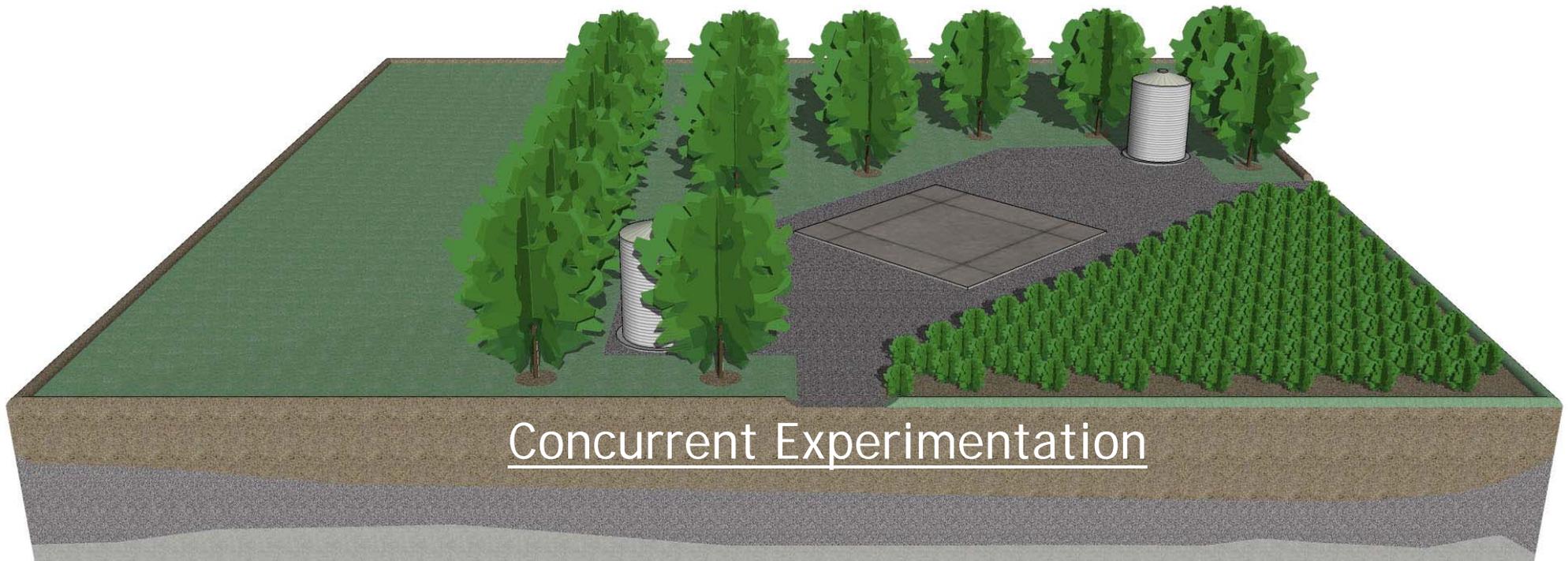
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Passive Farming

Can each human habitat harvest surpluses in carbon sequestration & O₂ production?

Can each contribute to the inhabitant's dietary intake

reducing necessity for transportation branches of industrialized farming?



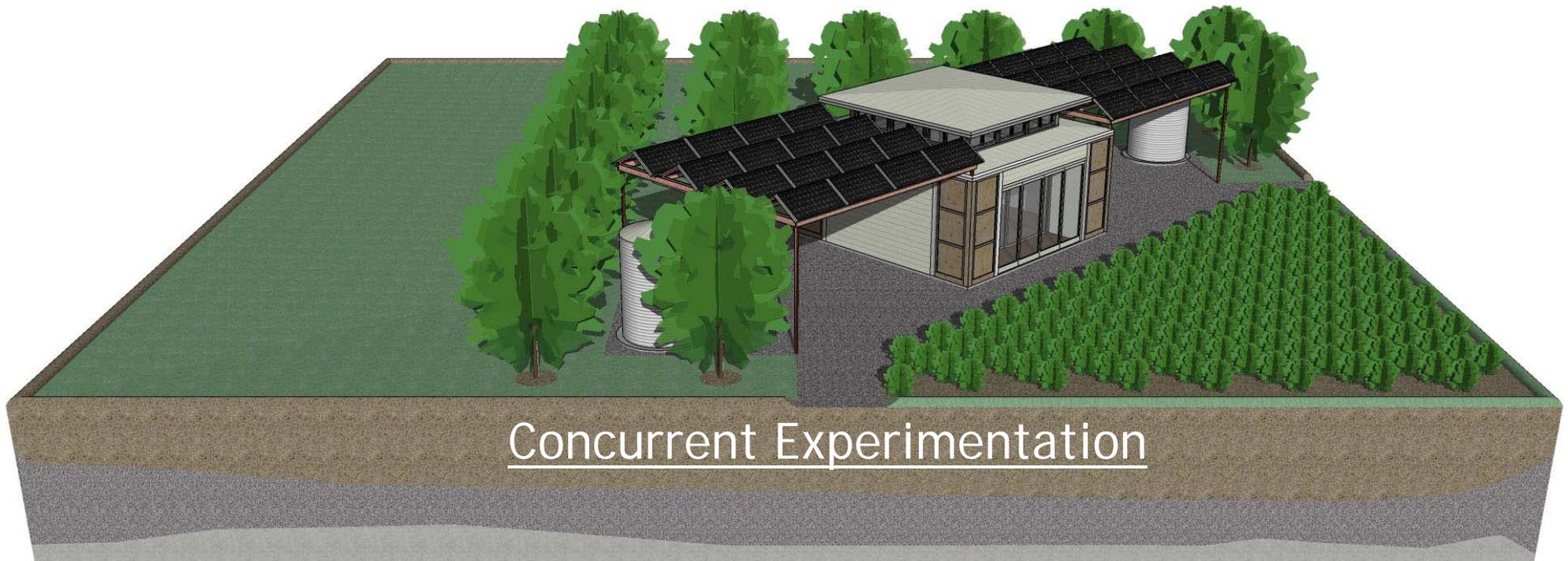
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Homeostasis

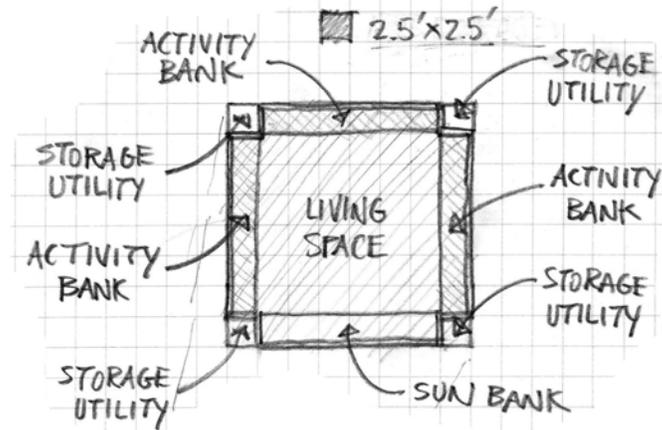
Can each human habitat *monitor* and *manage* exterior and interior conditions?
Including weather, light levels, security, energy production/use, water production/use?
When uninhabited, can each continue self-sustained operation,
producing surpluses of energy, water, and O₂?



MECHANIZATION

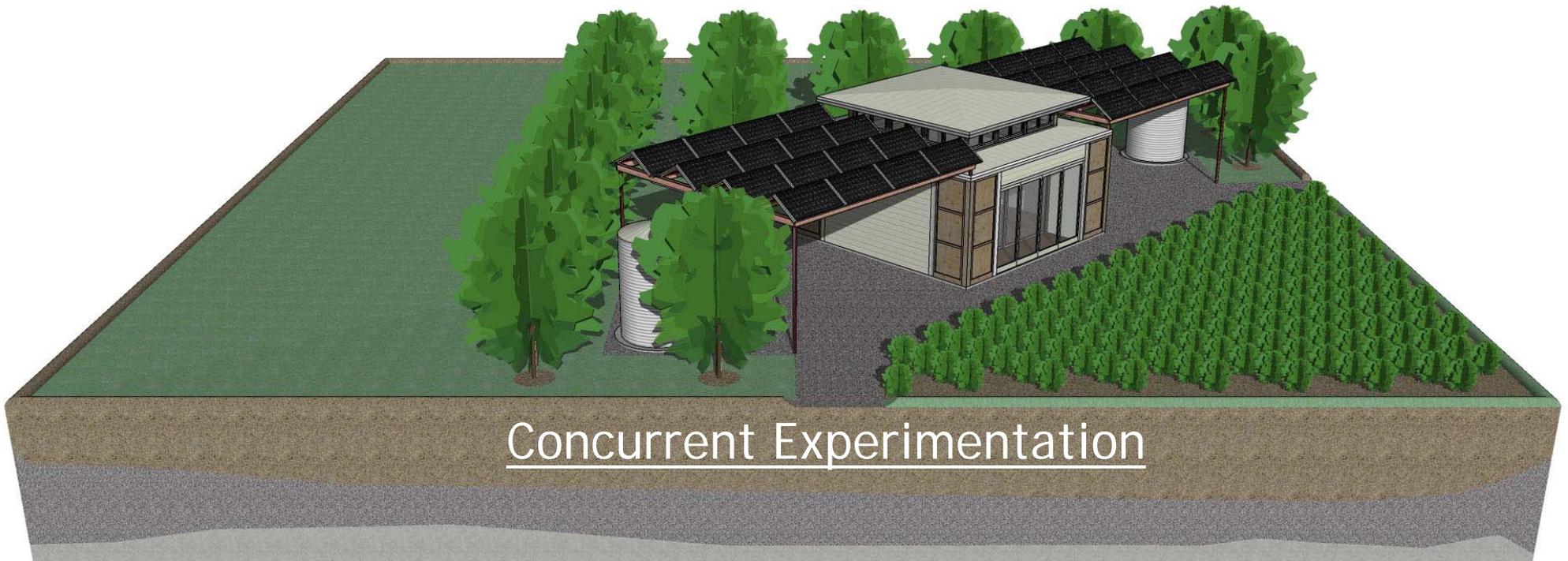
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Test Technologies

- Can electrostatic sills manage dust infiltration from open windows?
- Can an interactive psychometric display to manage homeostasis automation?





ROAM

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"We are dealing with an urgent problem of our epoch,
nay more, with *the* problem of our epoch.

The balance of society comes down to a question of building.
We conclude with these justifiable alternatives:

Architecture or Revolution."