ERIC COREY FREED

Founding Principal, organicarchitect

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organicarchitect





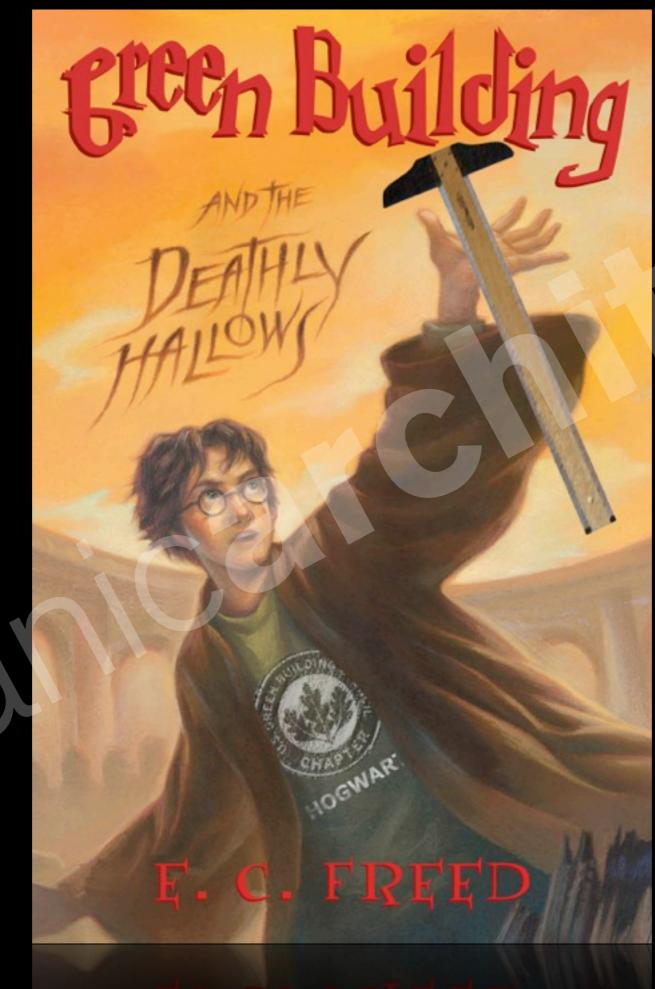
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FOUNDING PRINCIPAL Organicarchitect

ericcoreyfreed

Honorary Fellow, Institute of Green Professionals LEED Accredited Professional









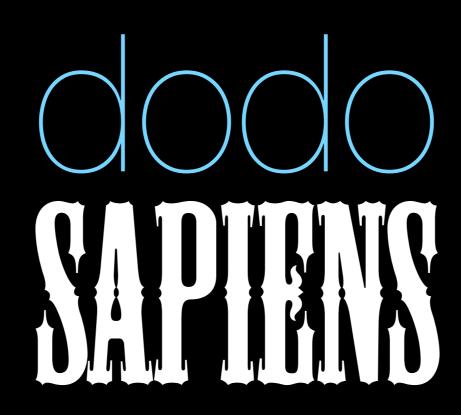
















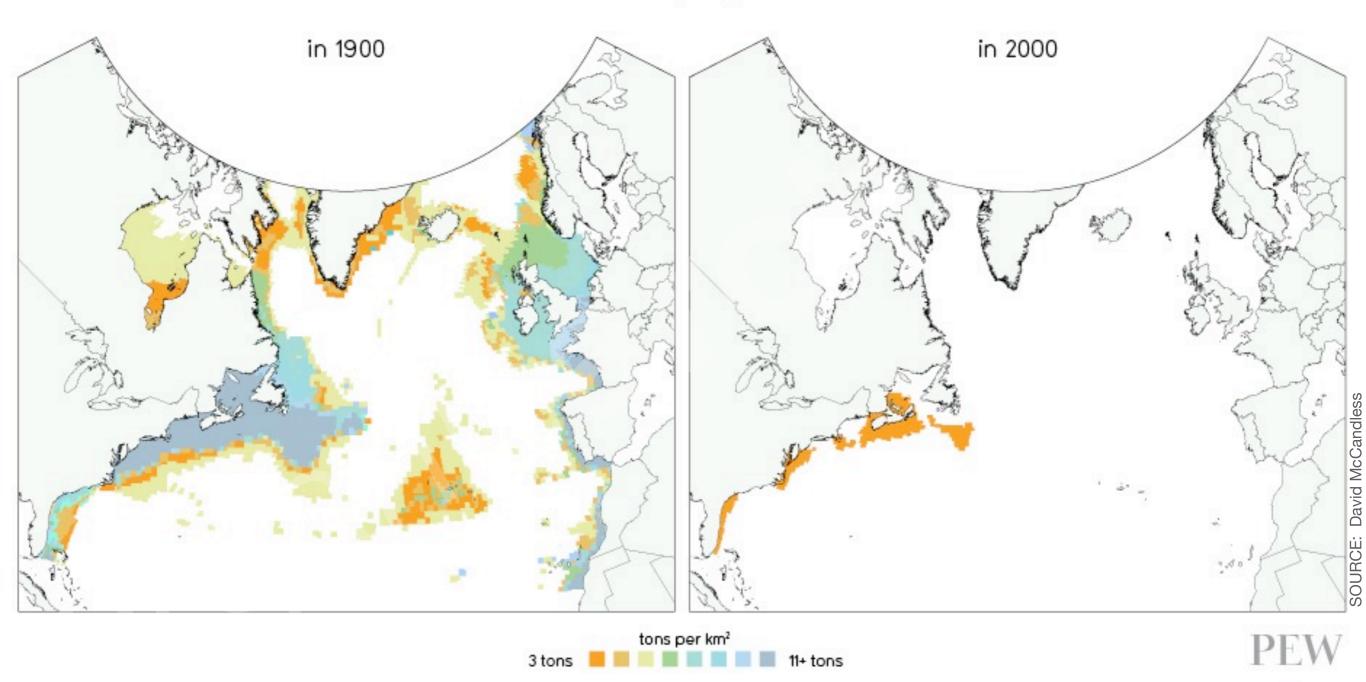


a quick look





Plenty More Fish in the Sea? Biomass of Popularly Eaten Fish





people without safe water

C. Cat

Arctic sea ice: lowest volume on record 2011

Arctic's minimum sea ice extent for 2010 reached on September 21, third lowest on record SOURCE: National Snow and Ice Data Center

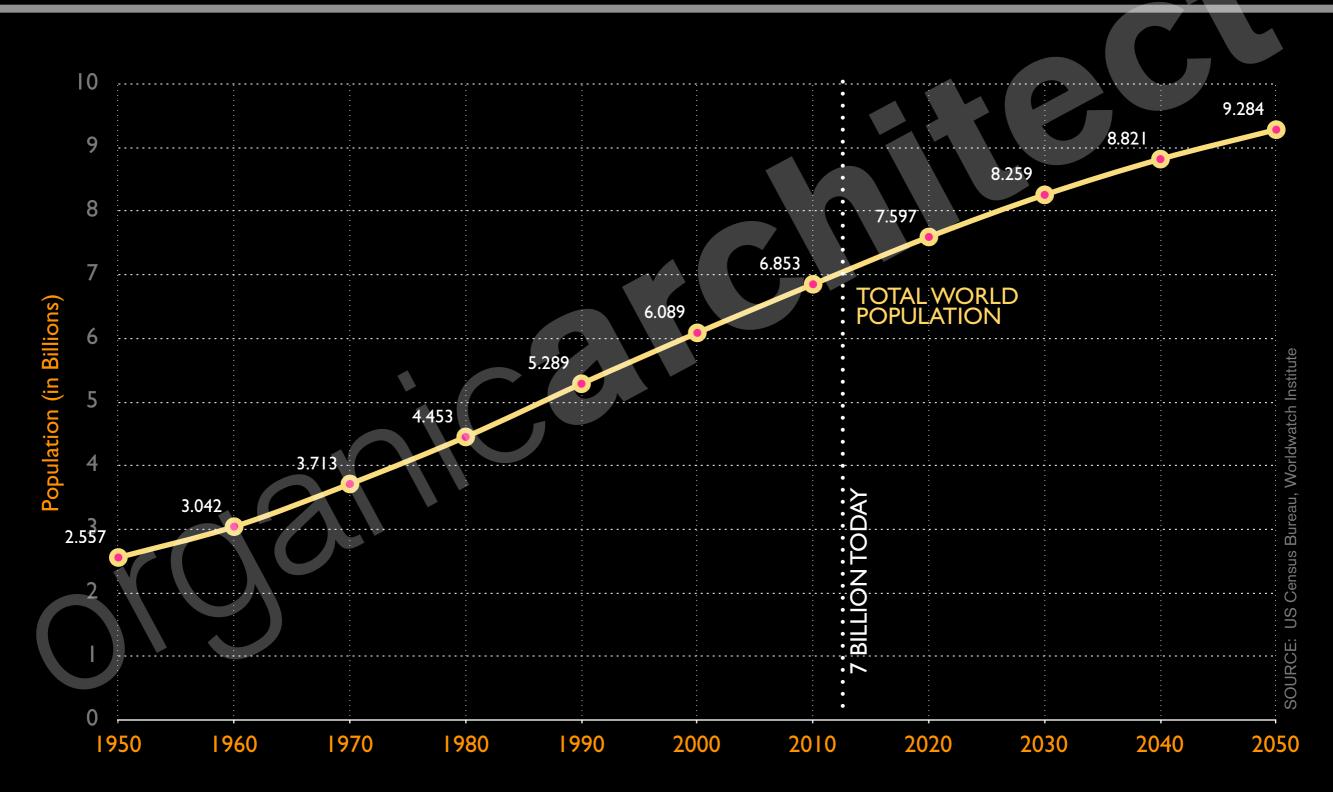
PARK OFF PAVEMENT

ELEVATION SEA LEVEL

Global Sea Level 222mm rise since 1875

Global Population

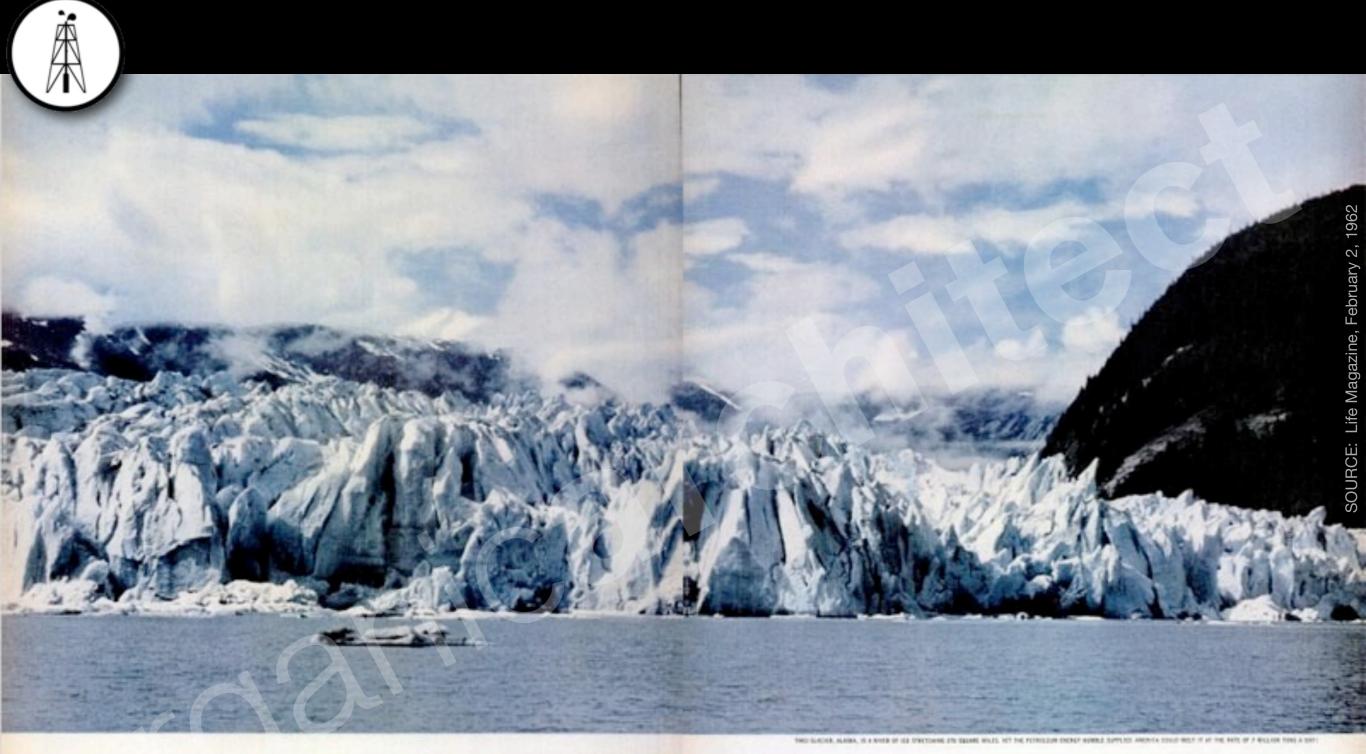
Staggering growth of nearly 80 million people a year.











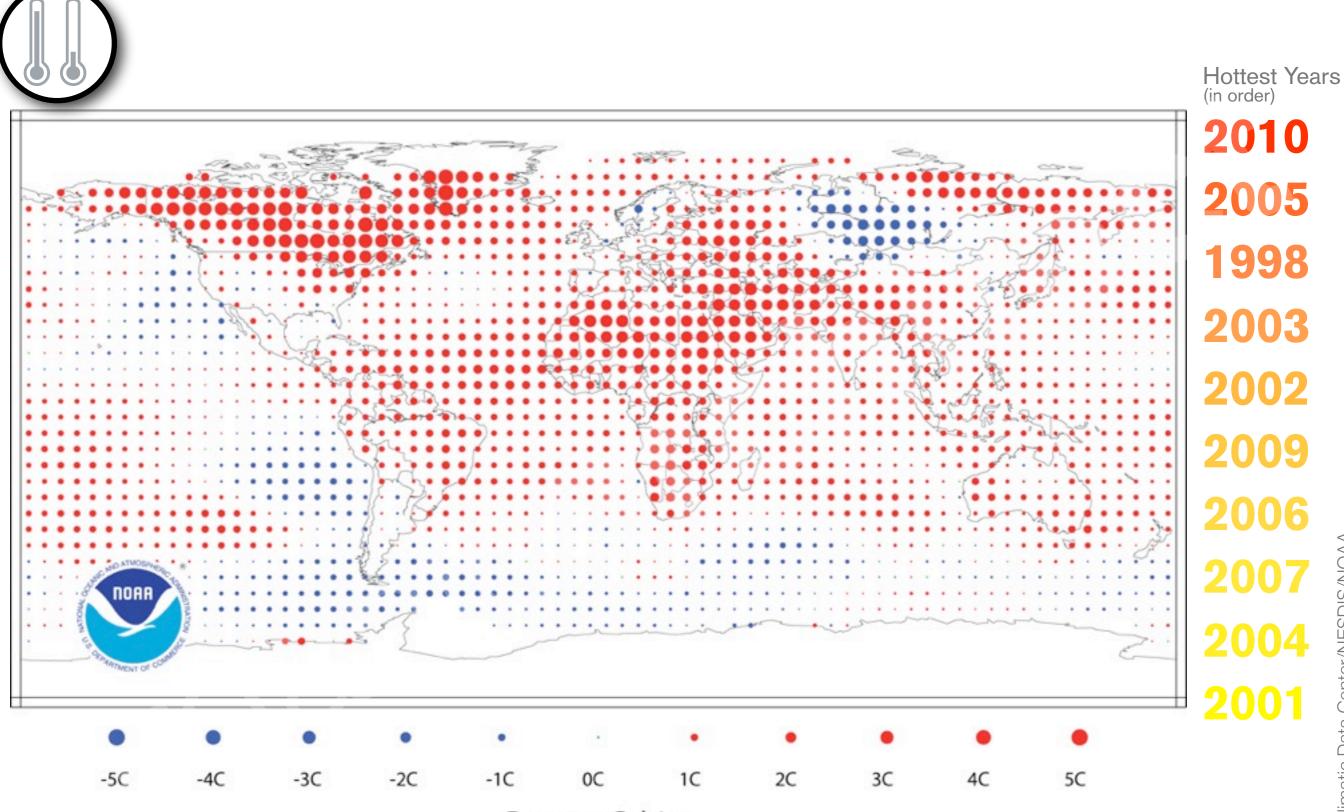
EACH DAY HUMBLE SUPPLIES ENOUGH ENERGY TO MELT 7 MILLION TONS OF GLACIER!

This giant glacier has remained unmelted for centuries. Yet, the petroleum energy Humble supplies-it converted into heat-could melt it at the rate of 80 tons each second! To meet the nation's growing needs for energy, Humble has applied science to nature's resources to become America's Leading Energy Company. Working wonders with oil through research, Humble provides energy in many forms-to help heat our homes, power our transportation, and to furnish industry with a great variety of versatile chemicals. Stop at a Humble station for new Enco Extra gasoline, and see why the "Happy Motoring" Sign is the World's First Choice!





Driven by Global Warming: 2010-11 Most Extreme Weather Since 1816



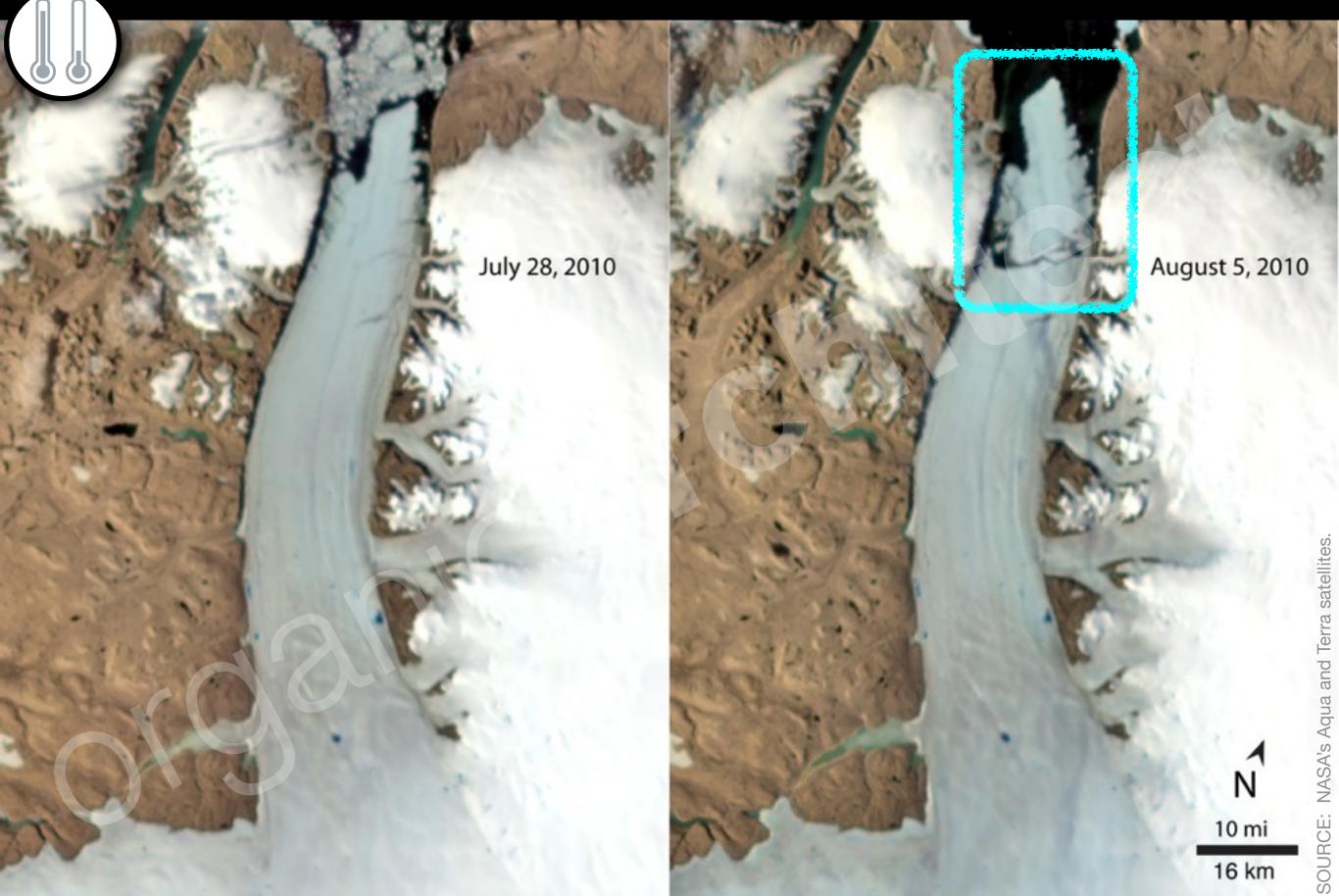
Degrees Celsius

Hottest year on record

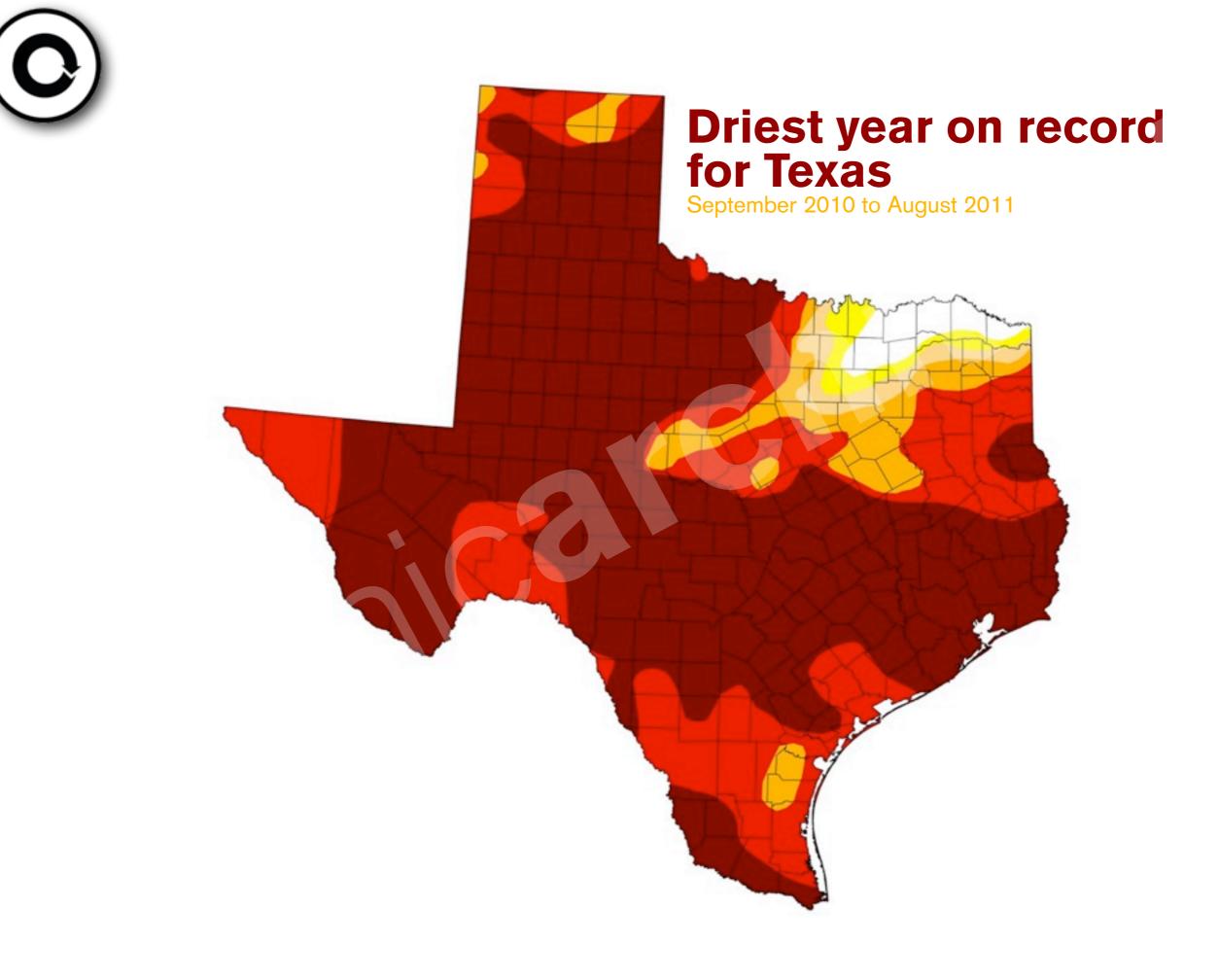
2010 (tied with 2005) Temperature Anomalies, January - August 2010

Wettest year on land in history 13% increase in 2010

1-in-1000 year flood kills 30 \$2.4 billion in damage Tennessee, May 1, 2010, 17.73" of rain



Record melting in Greenland Petermann Glacier, 2010





Governor Rick Perry Texas May 6, 2011

the new normal

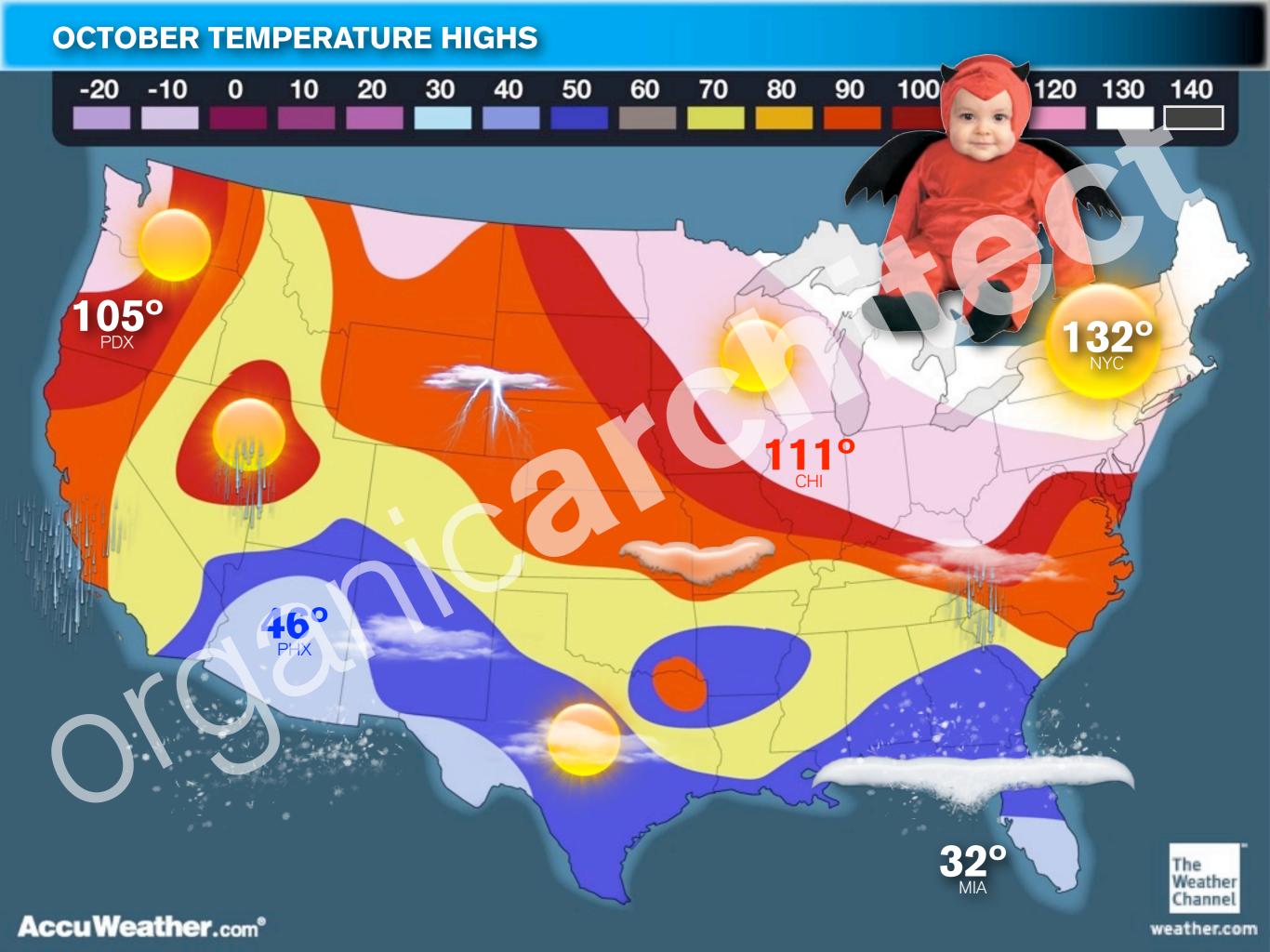
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The New York Times

The Earth is Full Thomas Friedman - June 7, 2011

"As the impact of the imminent **Great Disruption** hits us, our response will be proportionally dramatic, mobilizing as we do in war."

- quoting Paul Gilding



"motivated reasoning"

70.9m 23.1% TOBACCO

19.0m 6.2[%]

73.7m **24**%

ALCOHOL

5.8m 1.9% FOOD

3.1 m 1.0%

GAMBLING

7.6m 2.5%

1.9m **0.7**%

COCAINE

PRESCRIPTIONS

Q.4%

HALLUCINOGENS MARIJUANA

BULIMIA

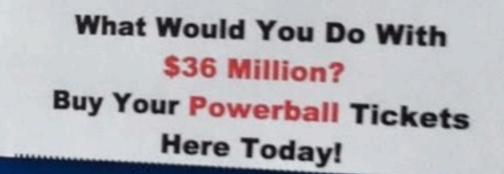
18.7m

6.1%

fossil fuels oil coal natural gas







Super+



Purchase \$

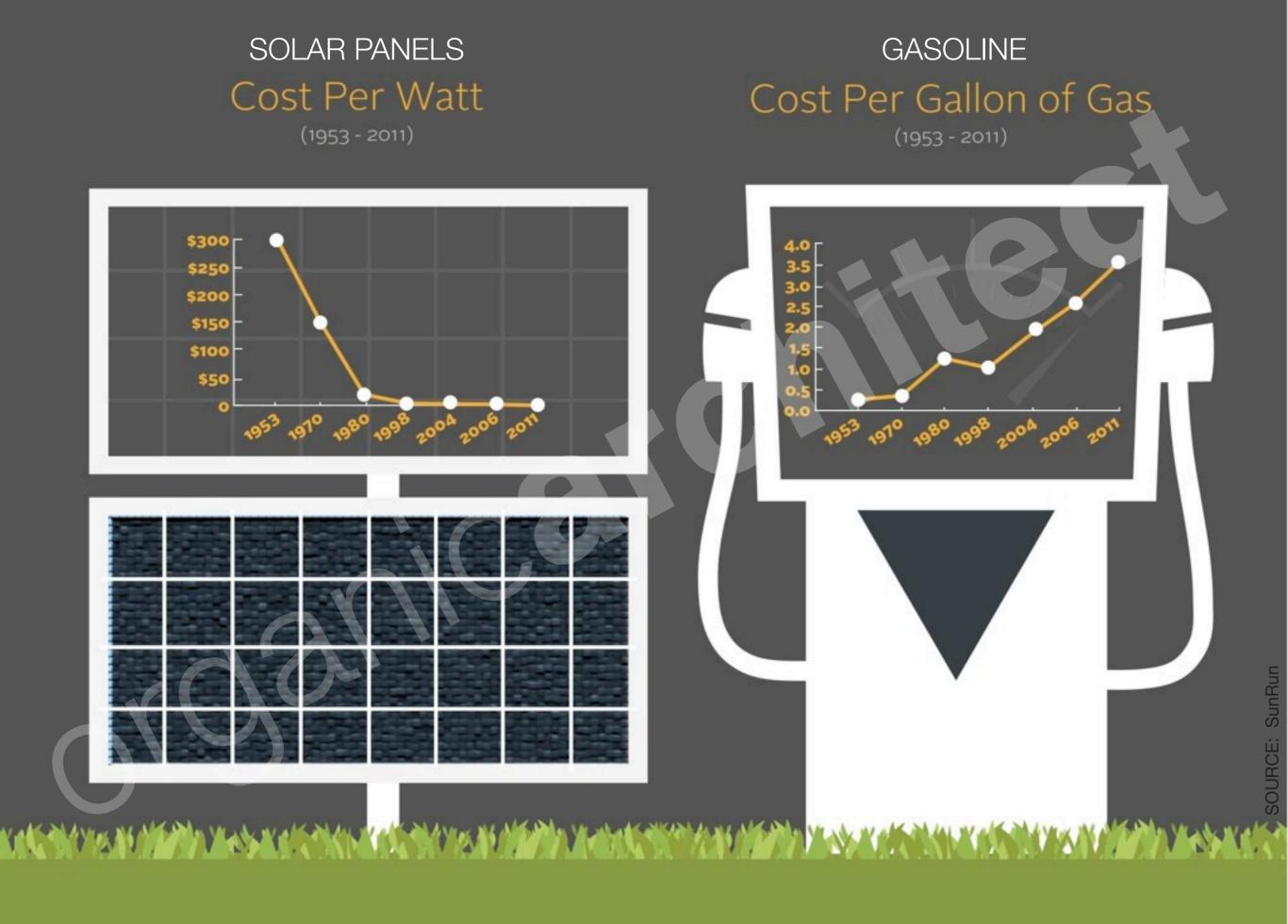
PRCE

Intent

"I'll quit when gas costs..."

Regular

Special





SOURCE: US Energy Information Administration (EIA) ART: Aaron Thong





errari Goes Off-Road 🗤 Hottest. Pepper. Ever. 🗤 🔪





Anosognosia

/ano·sog·no·sia/ (an-o"so-no'zhah)

a condition in which a person who suffers disability seems unaware of the existence of his or her disability.

A NEW SPECIES...

Dryopithecus Homo Habilis

ß

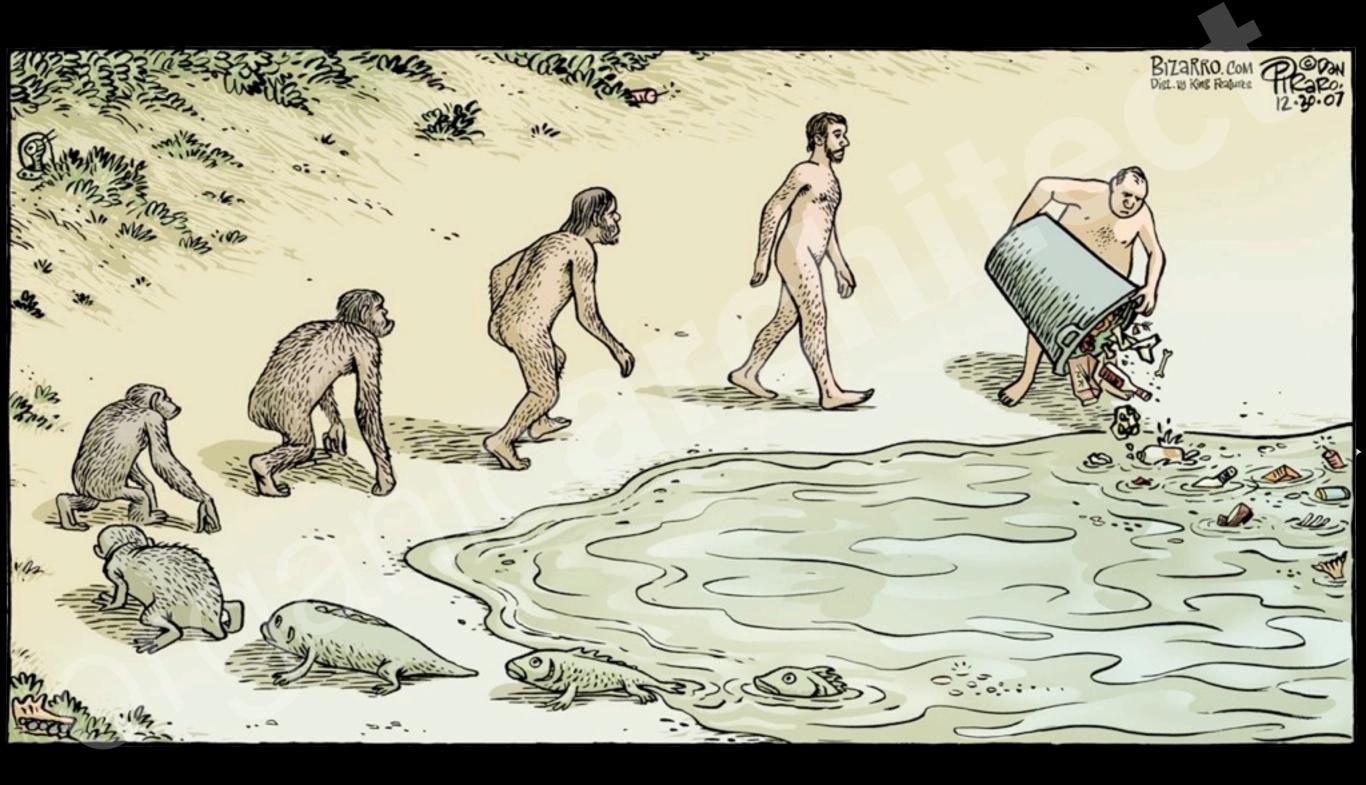
bilis Homo Erectus

Neanderthal

Homo Sapiens







(truthicus relativiticus scribet)

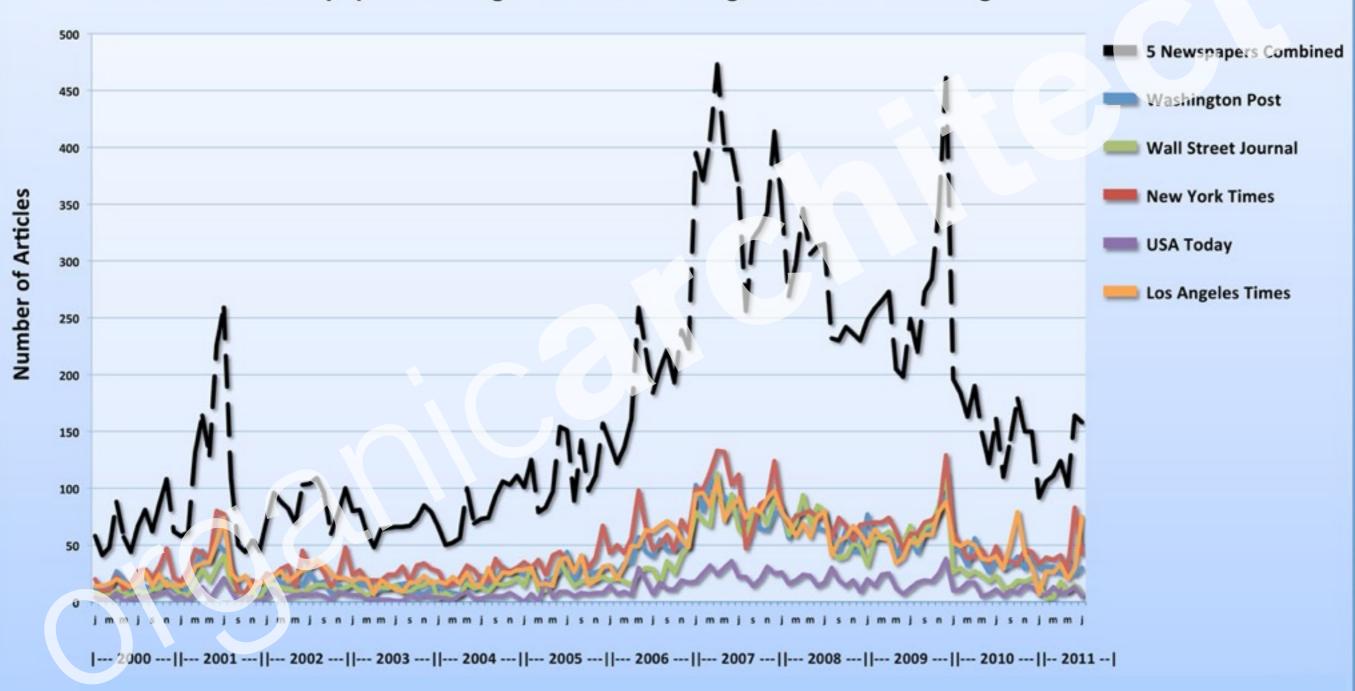
the journalist dodo



Michele Bachmann

(R-MN)

EARTH IS FLAT EARTH IS FLAT BOTH SIDES MAKE GOOD ARGUMENT News HQ OOKS FLAT • SCIENTISTS NOT IN TOTAL AGREEMENT OVER SPHE



2000-2011 US Newspaper Coverage of Climate Change or Global Warming

SOURCE: Maxwell, Boykoff, Center for Science and Technology Policy Research (CSTPR), University of Colorado-Boulder

Casey Anthony...

17% of all media coverage July 4 – 10, 2011

NEWSHOLE

global warming 2010 media coverage below 2005 levels

A Climate of Deception:

How Fox News Distorts the Climate Debate MediaMatters – July 20, 2011

(greedicus rapidus ignorus) the capitalist dodo

Watch "Soldiers of Fartum" For exciting observer, so this 7.Up TV above corry week

in her face and she'll follow you anywhere.

Blov

Hit her with tangy Tipalet Cherry. Or rich, grape-y Tipalet Burgundy. Or luscious Tipalet Blueberry. It's Wild! Tipalet. it's new. Different. Delicious in taste and in aroma. A puff in her direction and she'll follow you, anywhere. Oh yes...you get smoking satisfaction without inhaling smoke.



Smokers of America, do yourself a flavor. Make your next cigarette a **Tipalet**.

Acres

sarred lives

SARS IN

Serves hip in said in

Bestline or

Why we have the youngest customers in the business

This young man is 11 months old -- and he isn't our youngest customer by any means.

For 7-Up is so pure, so wholesome, you can even give it to babies and feel good about it. Look at the back of a 7-Up bottle. Notice that all our ingredients are listed. (That isn't required of soft drinks, you know —but we're proud to do it and we think you're pleased that we do.)

By the way, Moss, when it comes to toddlers -- if they like to be coaned to drink their milk, try this Add 7-Up to the milk in equal parts, pouring the 7-Up gently into the milk. It's a wholescore combination -- and it works' Make 7-Up your family drink. You fake it . . if like you?

Nothing does it like Seven Up!

EXonMobil

to dispel climate change 2006-2009:

86,000,000

KCCCH INDUSTRIES INC

* \$100B/year * 60 Countries * 70,000 Employees * 800,000 barrels of crude/day * "the biggest company you've never heard of..." to climate skeptic groups



Actors

Musicians

Athletes Politicians

Heiresses

Reality TV Cartoonists

Bikinis

Game Show Hosts

Scientists

(redtapicus blowhard-itis) the bureaucration

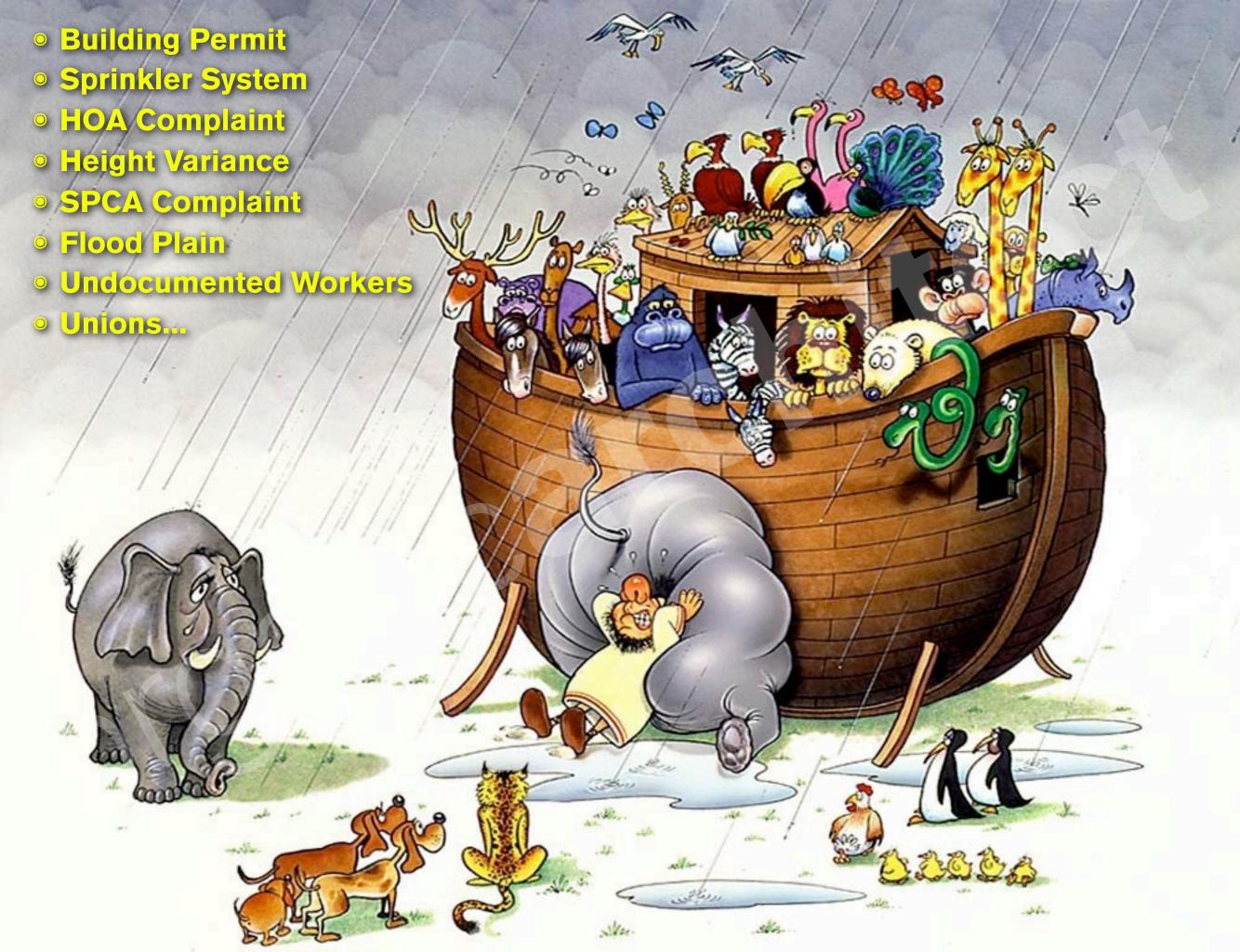




opposite of bureaucracy (Circle A)



symbol of convenience (Circle K)



BURJ KHALIFA

2,717 feet Started: September 2004 Opened: January 2010

8

World Trade Center



worst recession 30 years

PROGRAM

WPA







Man Shelter ight Electricity Generato Ve ea

needs She ter. needs 6 1 1 ctricity. needs ele enerators. needs needs needs needs explosives. clean needs UD. ulations. needs reg













3-dimensional printers

but our buildings still look like this...

TENINSUL

built: 2009 🛞

141

but our buildings still look like this...

(Emeso

MAN LEASING PROPERTY AND INCOME.

built: 2008

but our buildings still look like this.

built: 2005

0

T

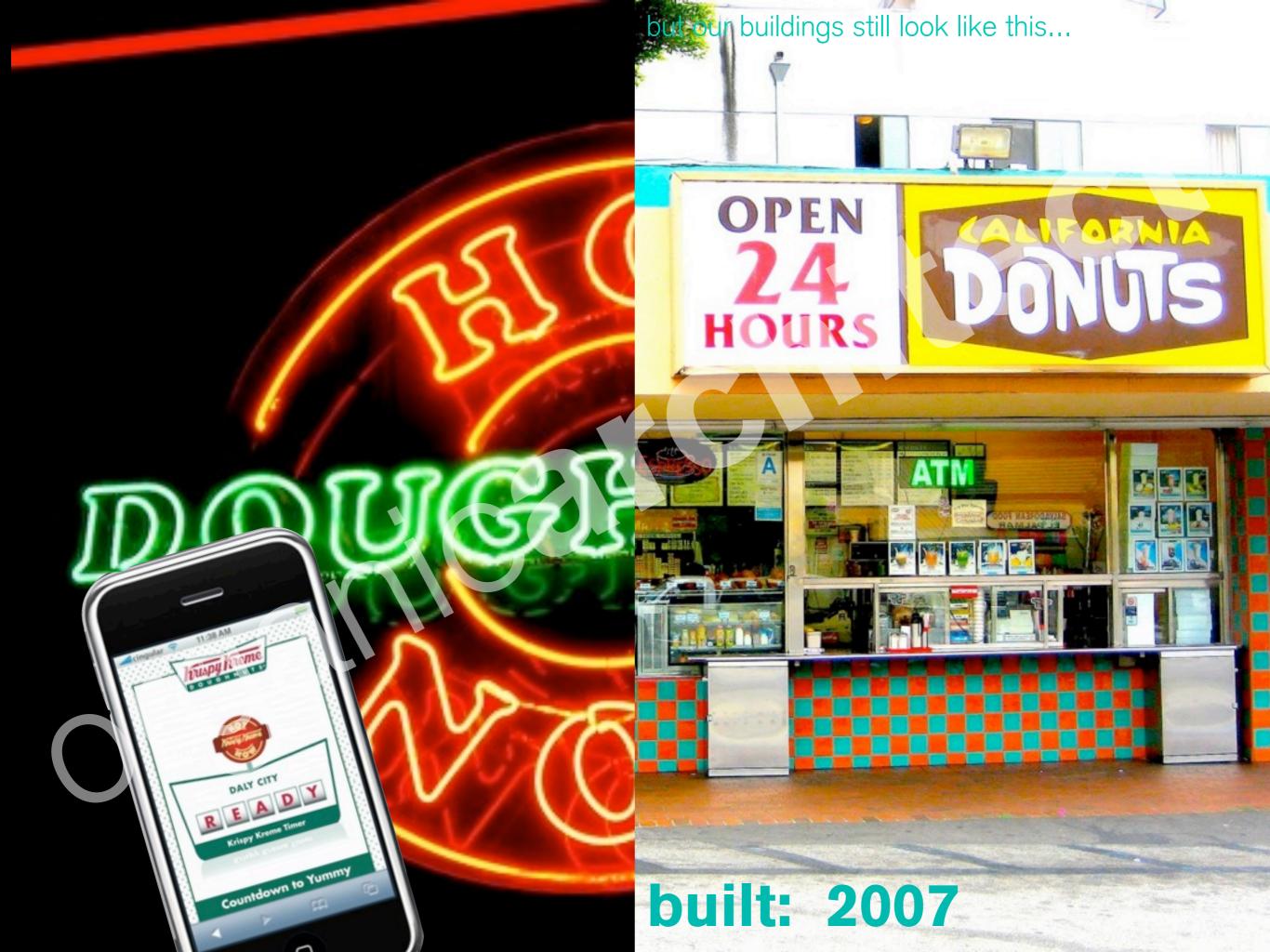
•

but our buildings still look like this...

2771

ciralightglobal.com

built: 2007



ENGINEERS

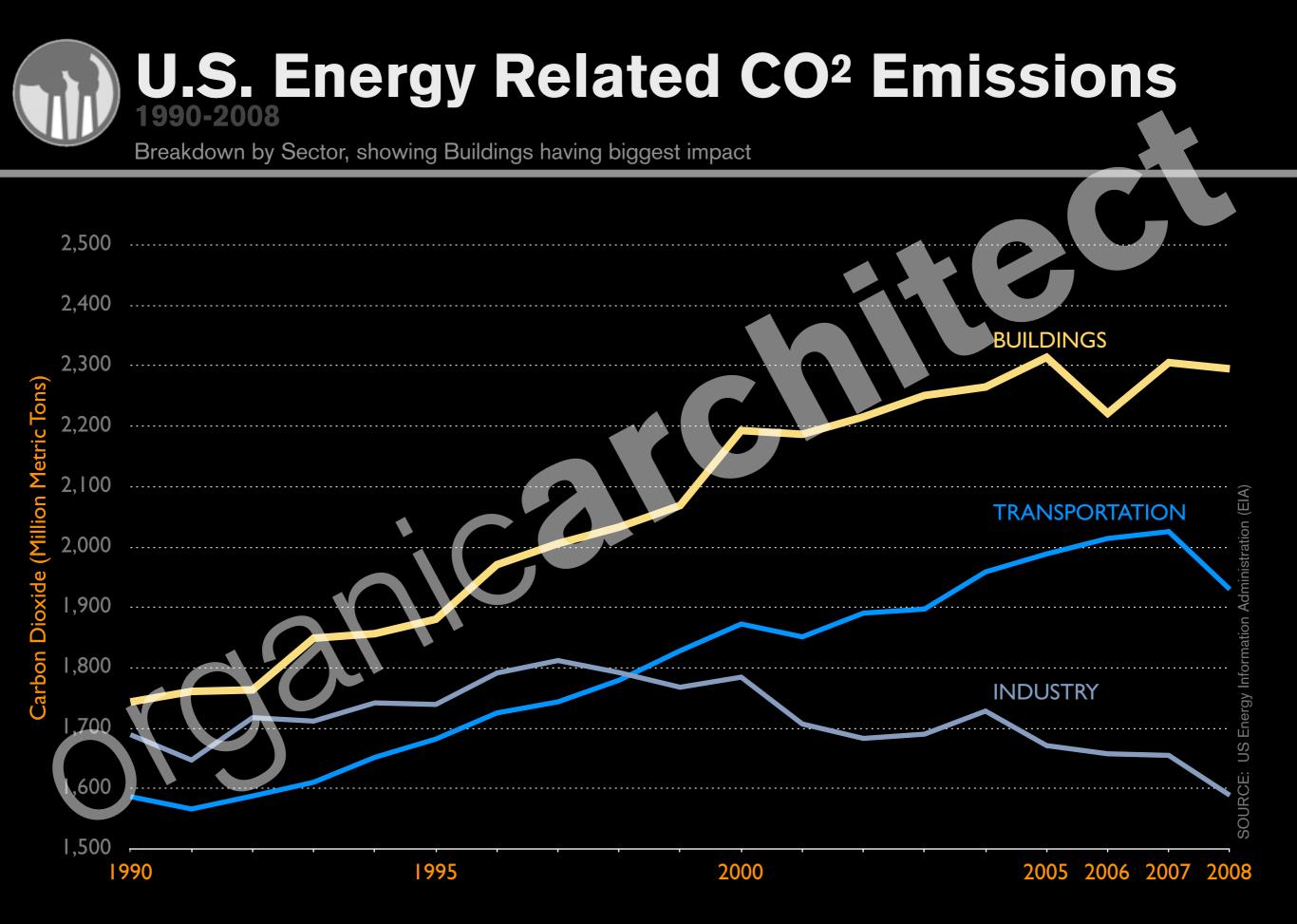
too

ARCHITECTS

too

CONTRACTORS

SAFE FOR DRINKING

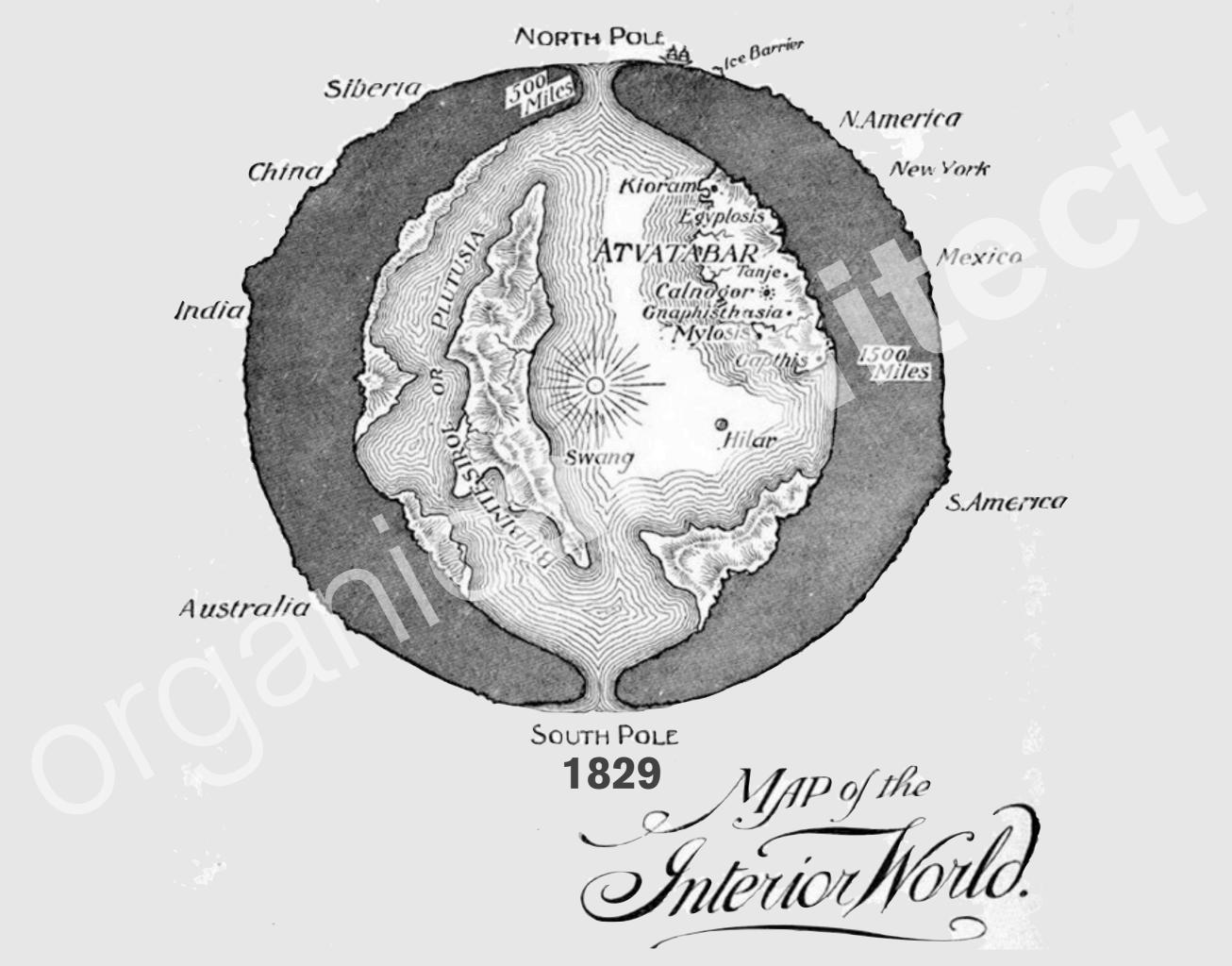


"We shall require a substantially new manner of thinking if mankind is to survive."

10

Albert Einstein









in case of global warming







"EYESORE" (not allowed)

"OK" (allowed)

McDonalds

no singing = no public transit

PHOTO

"retail redundification"

DRIVE-THE

FOODMART

CVS/pitalmacy Hour

Ħ

SUB WA

BANK **Tuesdays 9 – 11 am**

FD/IC

FOR YOUR THIGHS ONLY **24 Hours**

& MOI

DUE TO FUNDING CUTS, **THIS LIBRARY BULL CLOSE JUNE 19, 2010**. You may return borrowed items in the outside book drops until June 30.

We appreciate the opportunity to serve you at this location for the past 25 years.







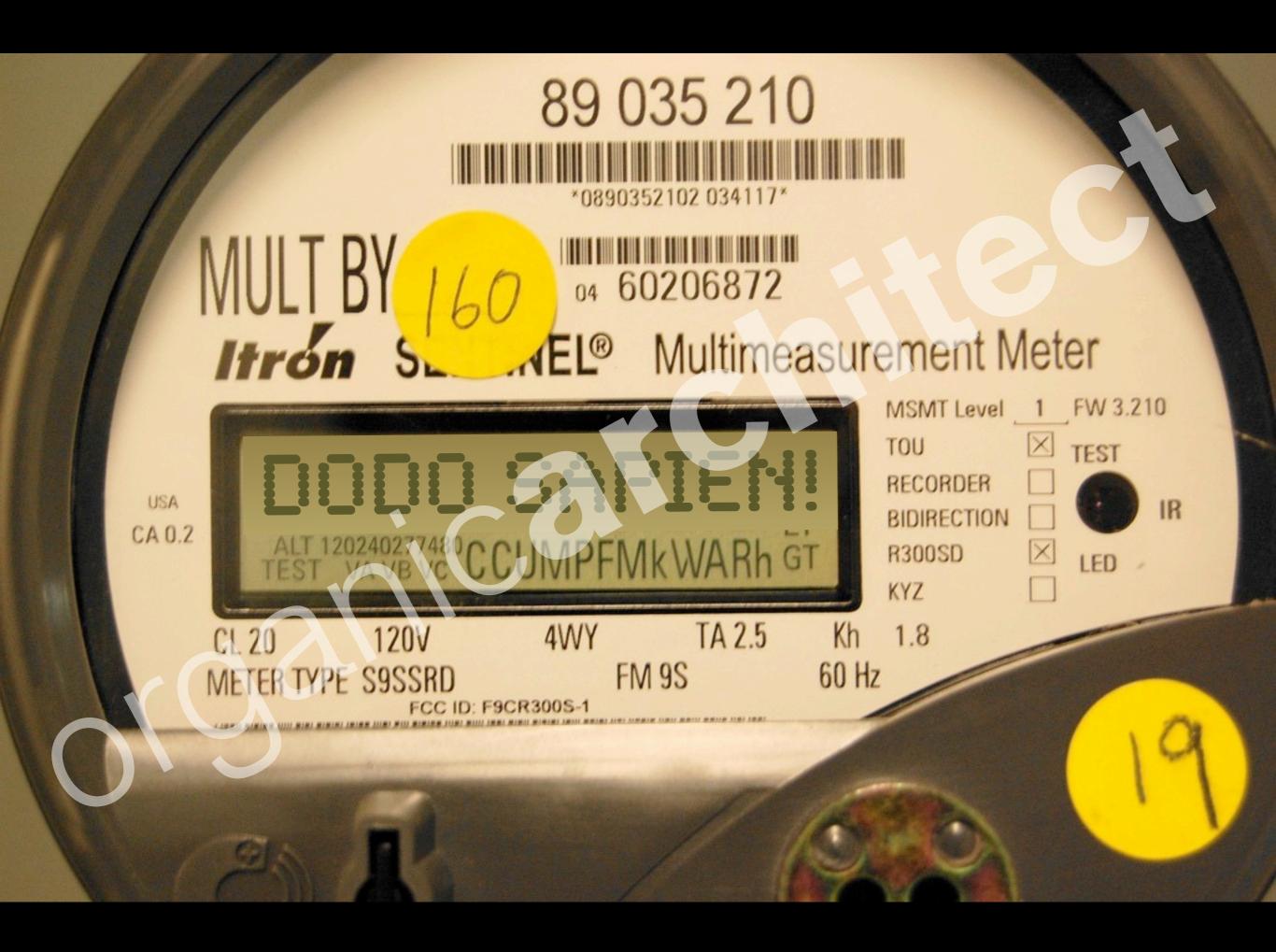
- Watering asphalt

and the second second

or of of the second sec

Nobody home

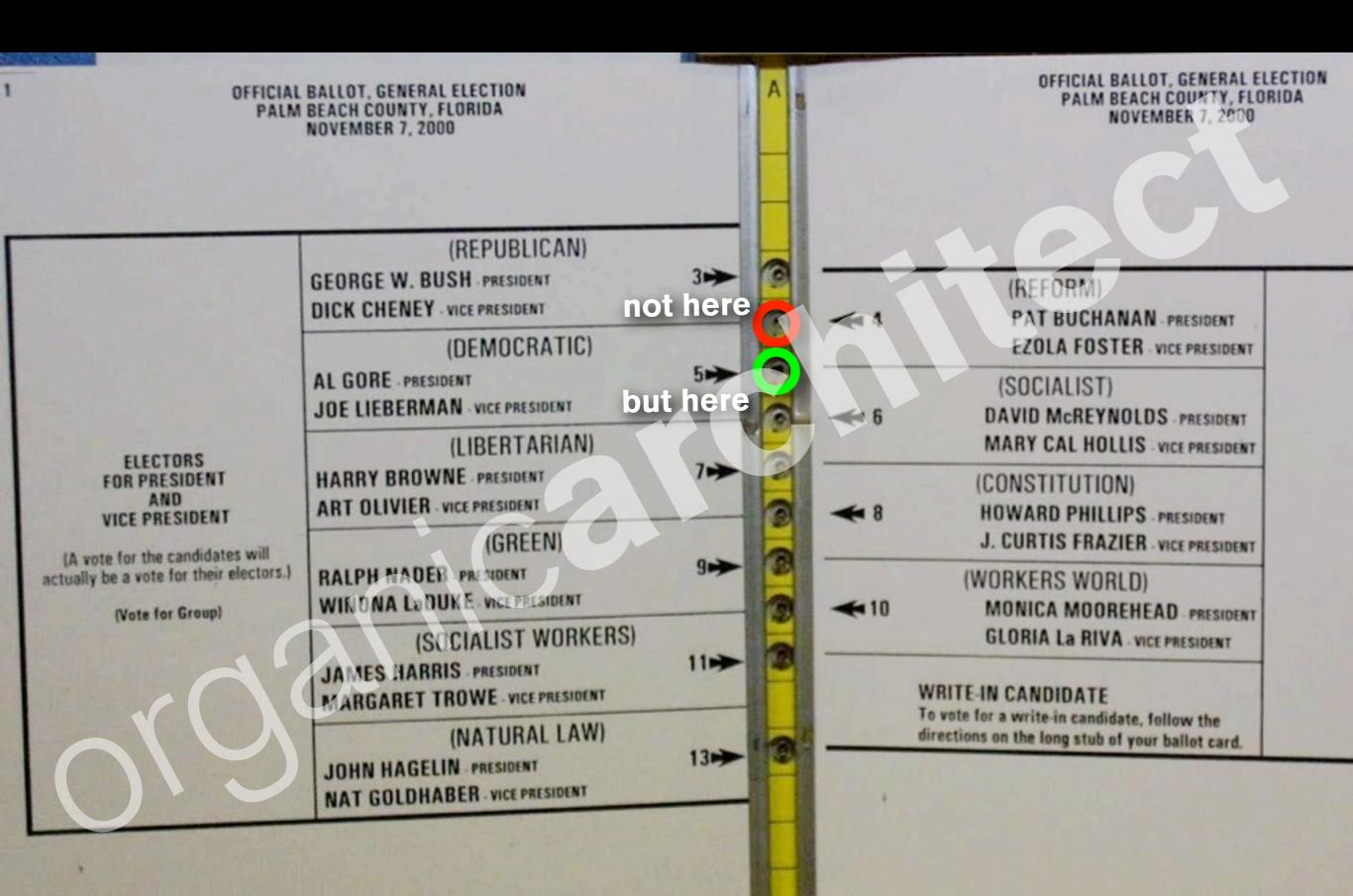


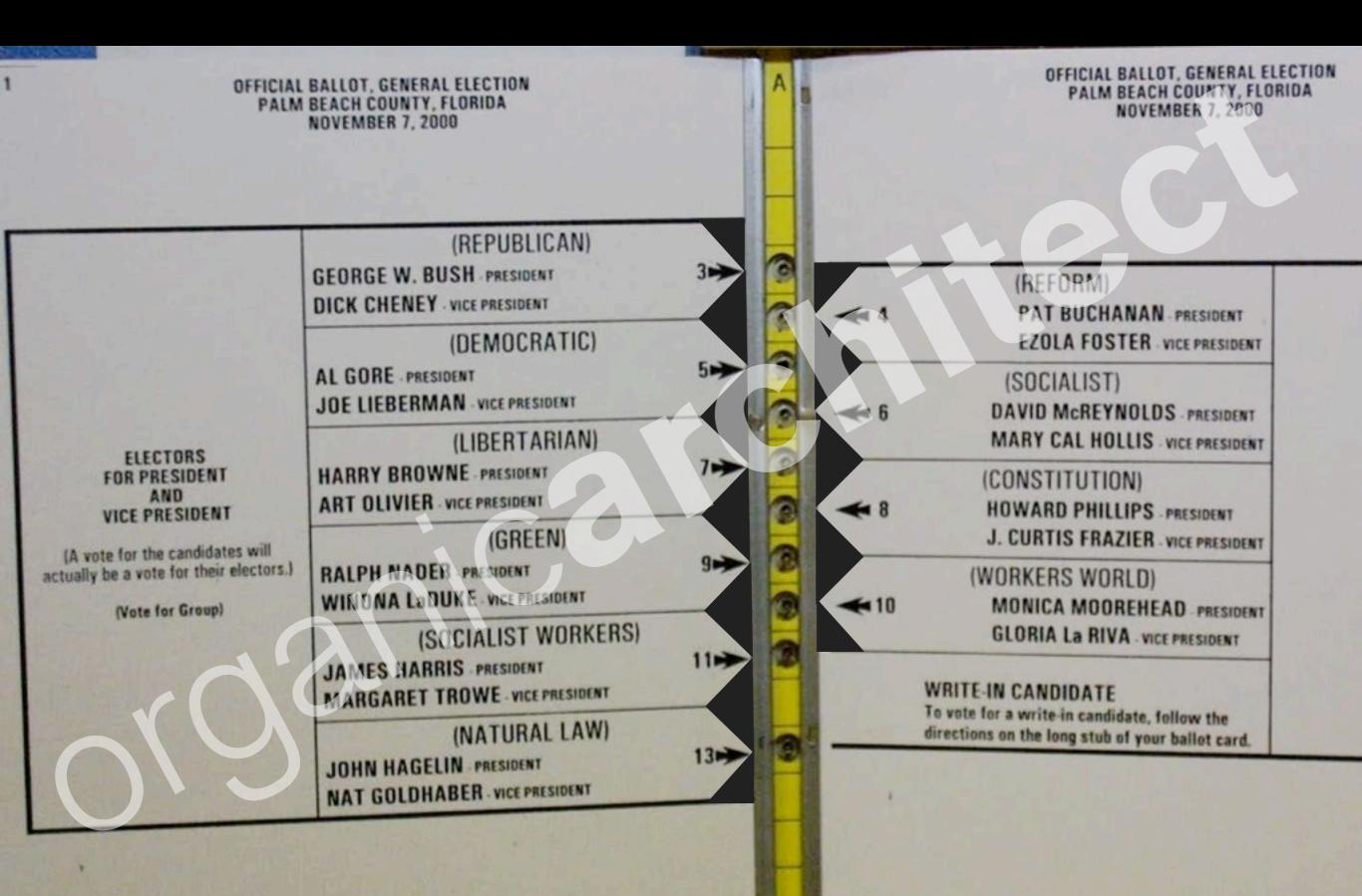


grumpy pale skin bad posture ancient liver spots greeav aware smoker ~ 11

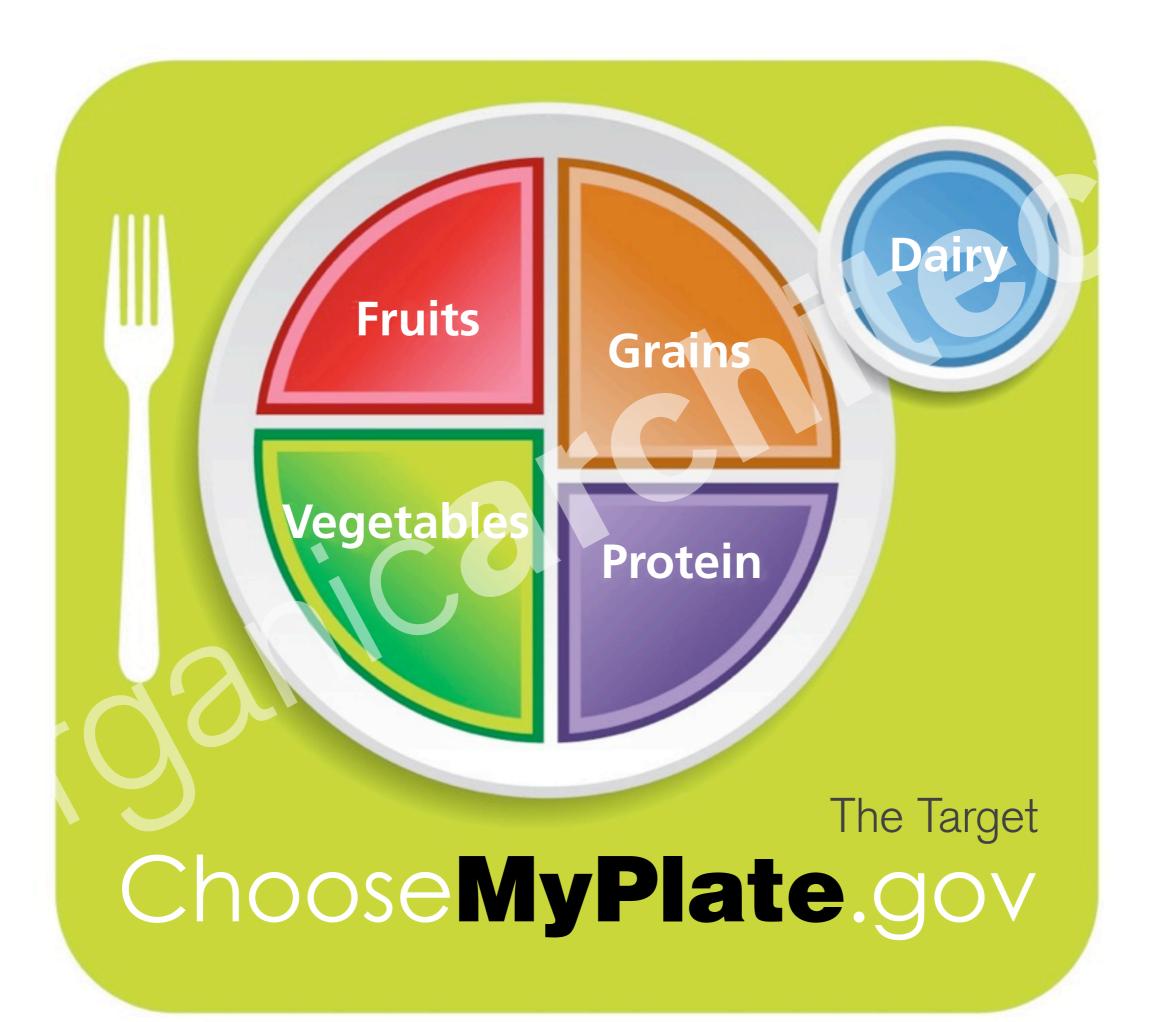
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11 1









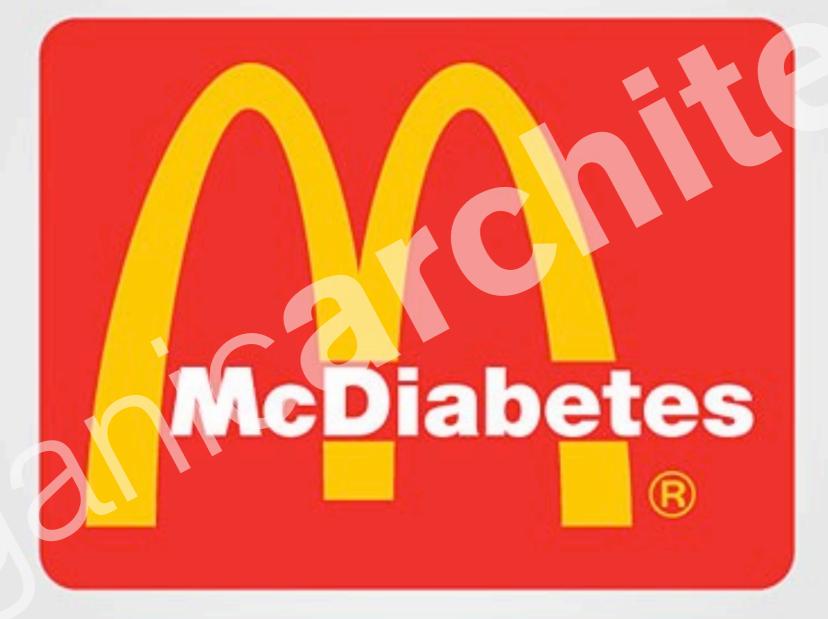






Farming ncentive More corn **More uses** Sweeth

needs farming needs ncentves more corn. needs needs more uses. sweetner. needs needs corn SVľ more foods. needs needs addiction makes obesity.





americans have no access to healthy food

No.

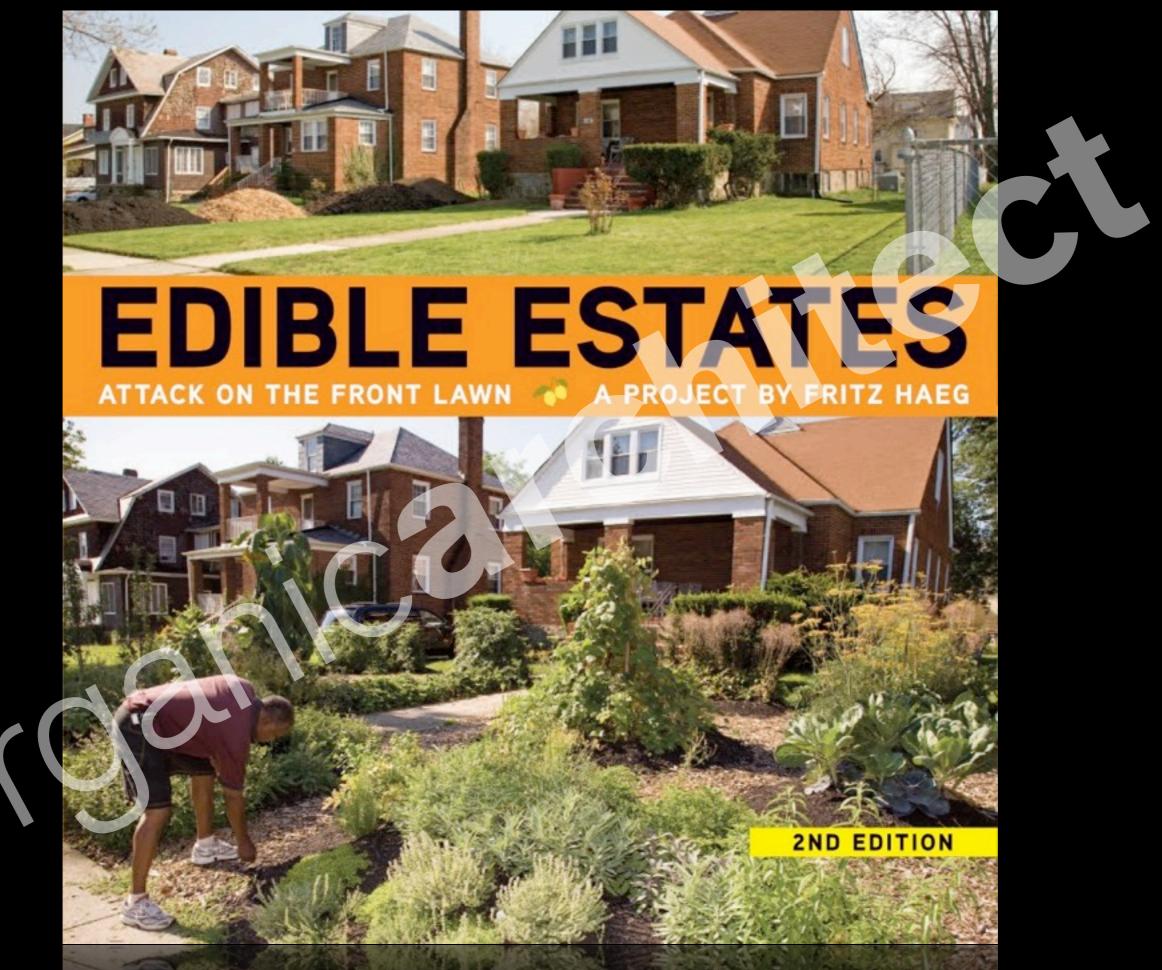
night = slow brain function

turban farming = smarter people

PHOTO: Alex MacLear



House green lawn needs watering Lawn needs nesticides. needs Lawn needs nowing. _awn needs aso ne. needs exhaust. needs blades. needs de to cut a needs 8



edibleestates.org







hungrycitybook.co.uk





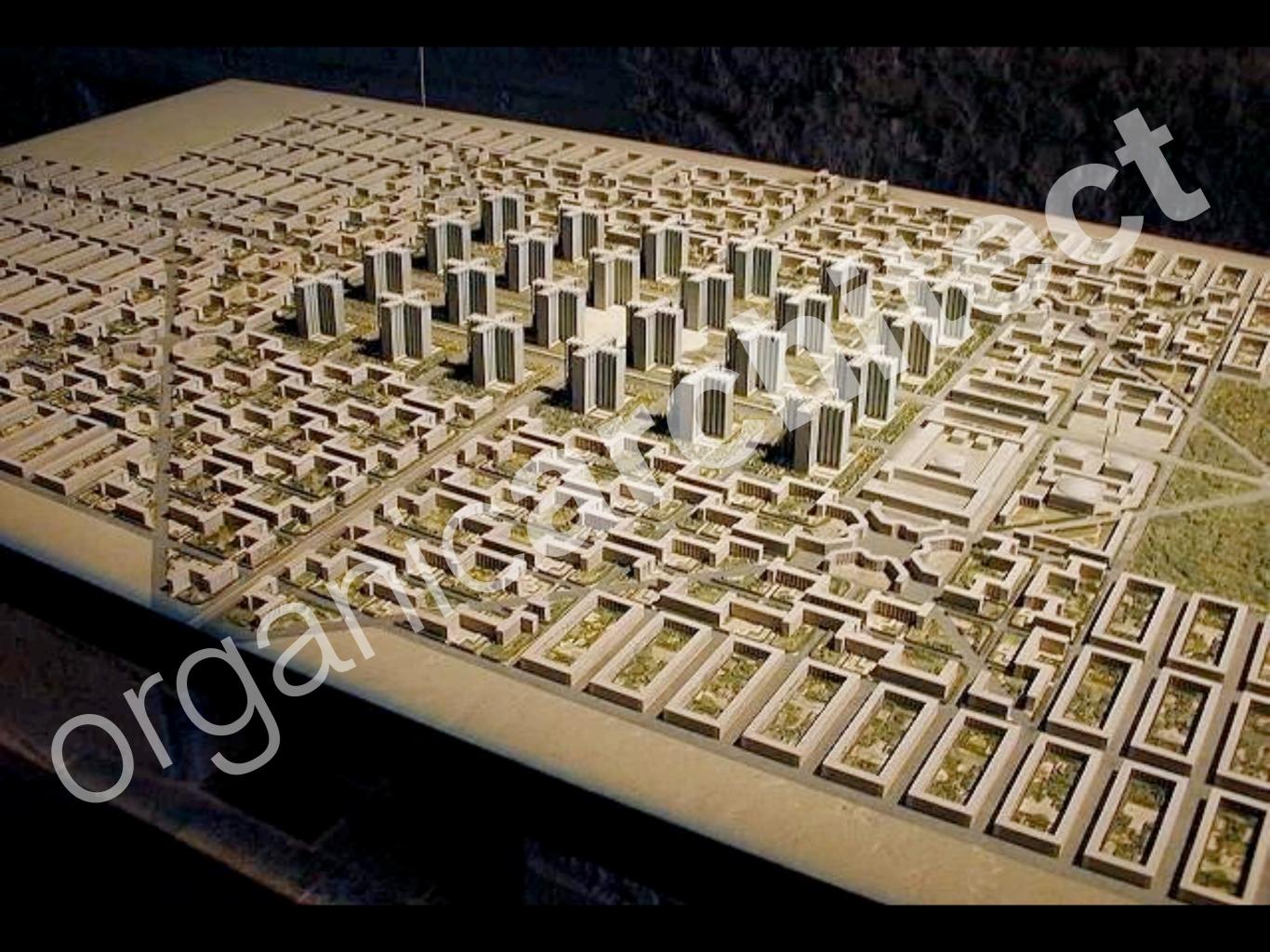


americans living in cities

%

"The house is a machine for living in."

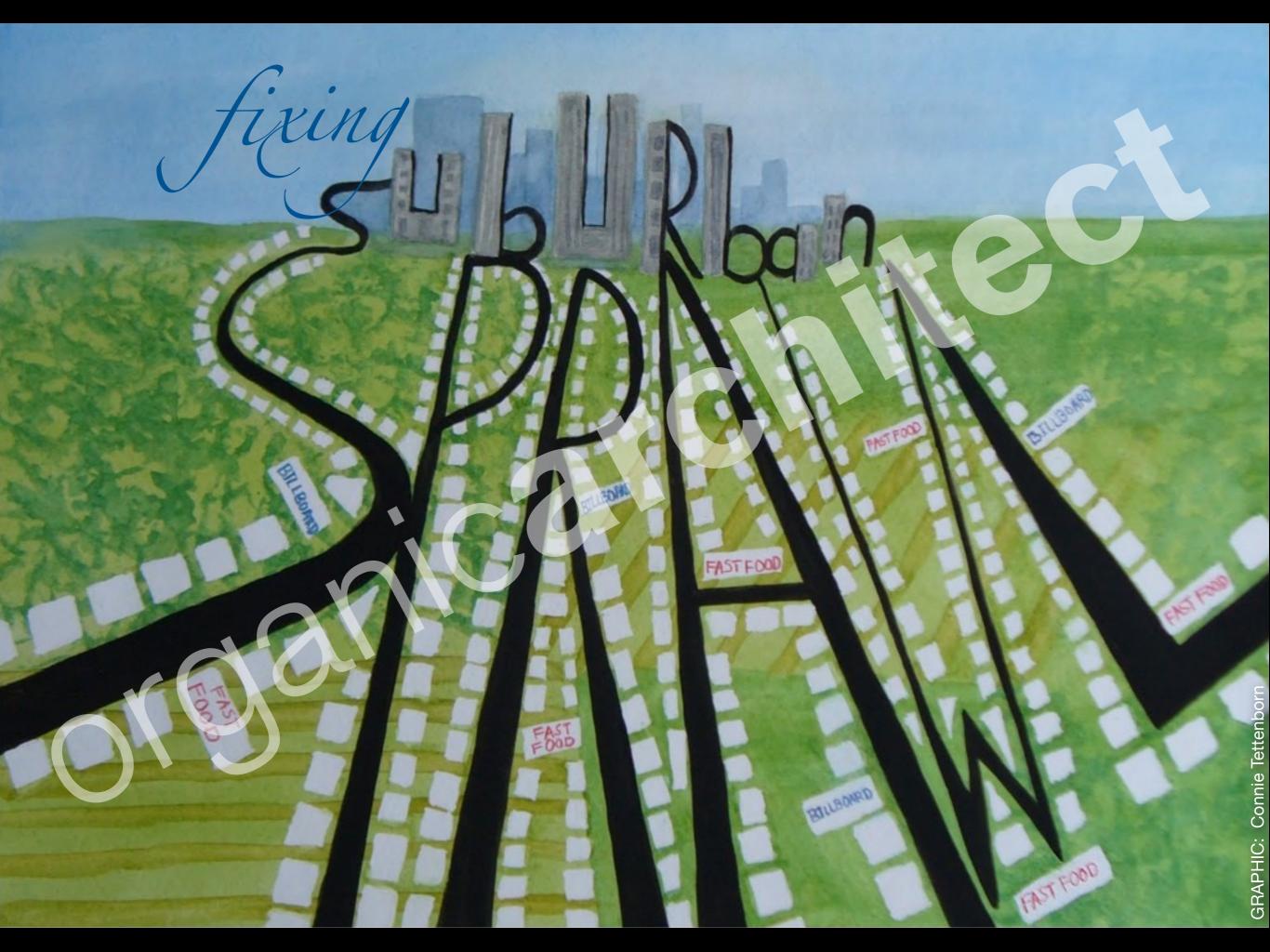
Vers une architecture, 1923 Charles-Édouard Jeanneret (a.k.a. Le Corbusier)





Rivers Cities Factories Factories Workers es factories

cities. bring **ACOTES** bring workers. bring ation bring bring ousing. bring finances. bring taxes. bring departure. rban blight. bring





MATTRESS SALEI 50% off!



EVERYTHING NHUSTI GOI

0



Business Open space Countryside Worker no

open spa needs COUNTR needs orkers. needs needs ousing. needs raw needs cars. needs exhaust. needs fuel needs port.





mW solar energy

15 acres could yield

people's oxygen

pounds of CO₂

pounds of corn

pounds of strawberries





Store Parking needs Asphalt needs Drainage needs needs Sewers needs Clean needs Rete needs needs eaucracy

needs Darking asphalt crainage. ewers. clean Ing retention. bureaucracy. taxes.

Noon Typical Weekday Parking Lot Occupancy

HOME DEPOT

WAL-MART

COSTCO

STRIP CENTER



95% Asphalt • 5% Planted

10-15 acre site, typical

LOADING PERMEABLE CONCRETE

OVERFLOW GRASSPAVE

orgar

Copyright © 20

20° Cooler in Summer

COOL ROOF

DAILY PARKING

PERMEABLE CONCRETE

OVERFLOW PARKING GRASSPAVE

OVERFLOW PARKING GRASSPAVE

COMMUNITY GARDENS

COMMUNITY GARDENS

10% Asphalt • 60% Grasspave • 5% Garden • 25% Permeable













IN DEFENSE OF FOOD

AN EATER'S MANIFESTO



AT FOODNOT TOO MUCH." MOSTLY PLANT

MICHAEL POLLAN

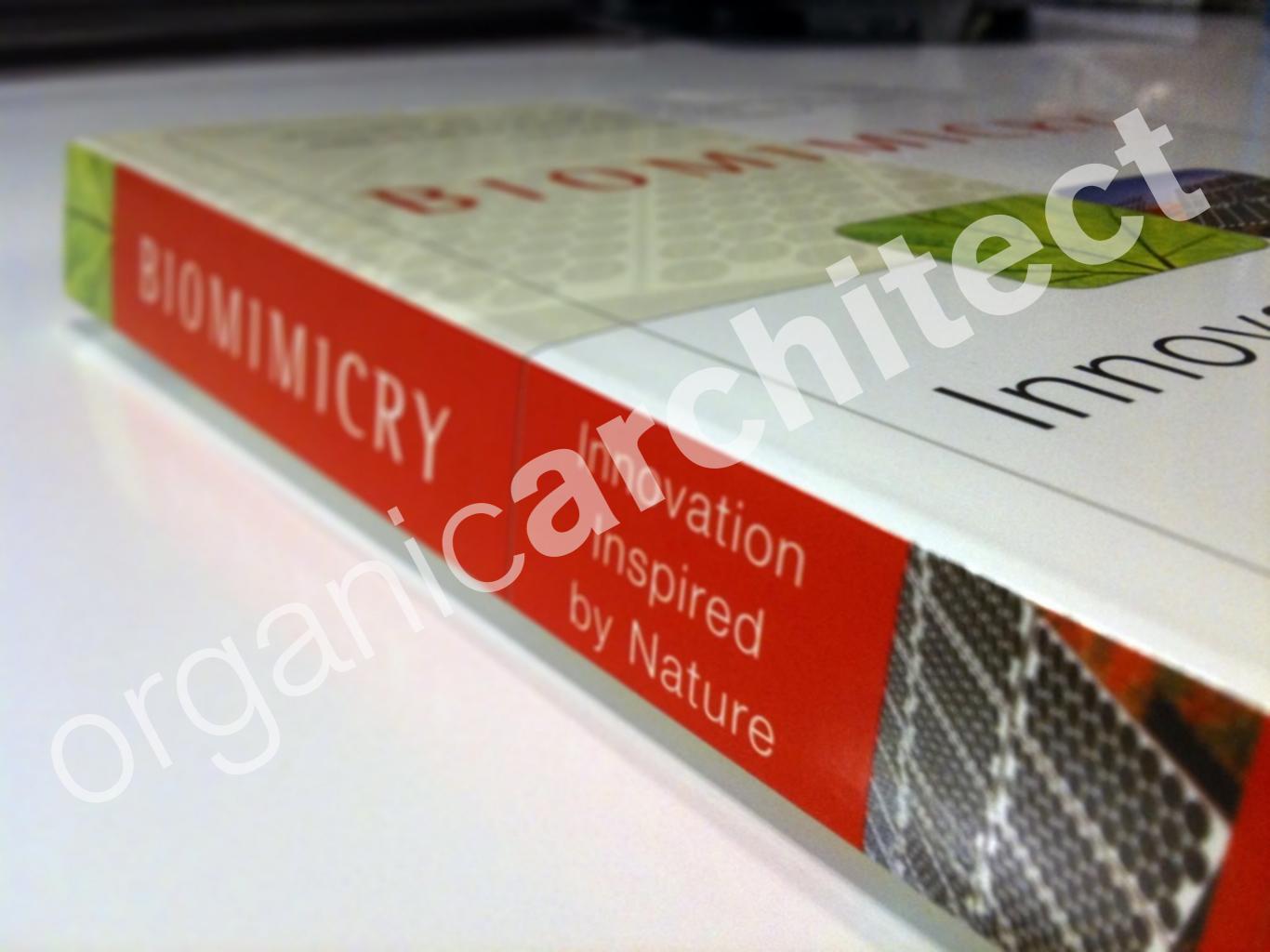
AUTHOR OF THE OMNIVORE'S DILEMMA IN DEFENSE OF BUILDINGS

Build buildings. Not so spread out. Restore nature.









NATURE RUNS ON SUNLIGHT NATURE USES ONLY THE ENERGY IT NEEDS NATURE BANKS ON DIVERSITY

NATURE FITS FORM TO FUNCTION NATURE RECYCLES EVERYTHING NATURE CURBS EXCESSES FROM WITHIN

From BIOMIMICRY, by JANINE M. BENYUS



nature

produces CO₂

absorbs CO₂

builds same everywhere

mankind

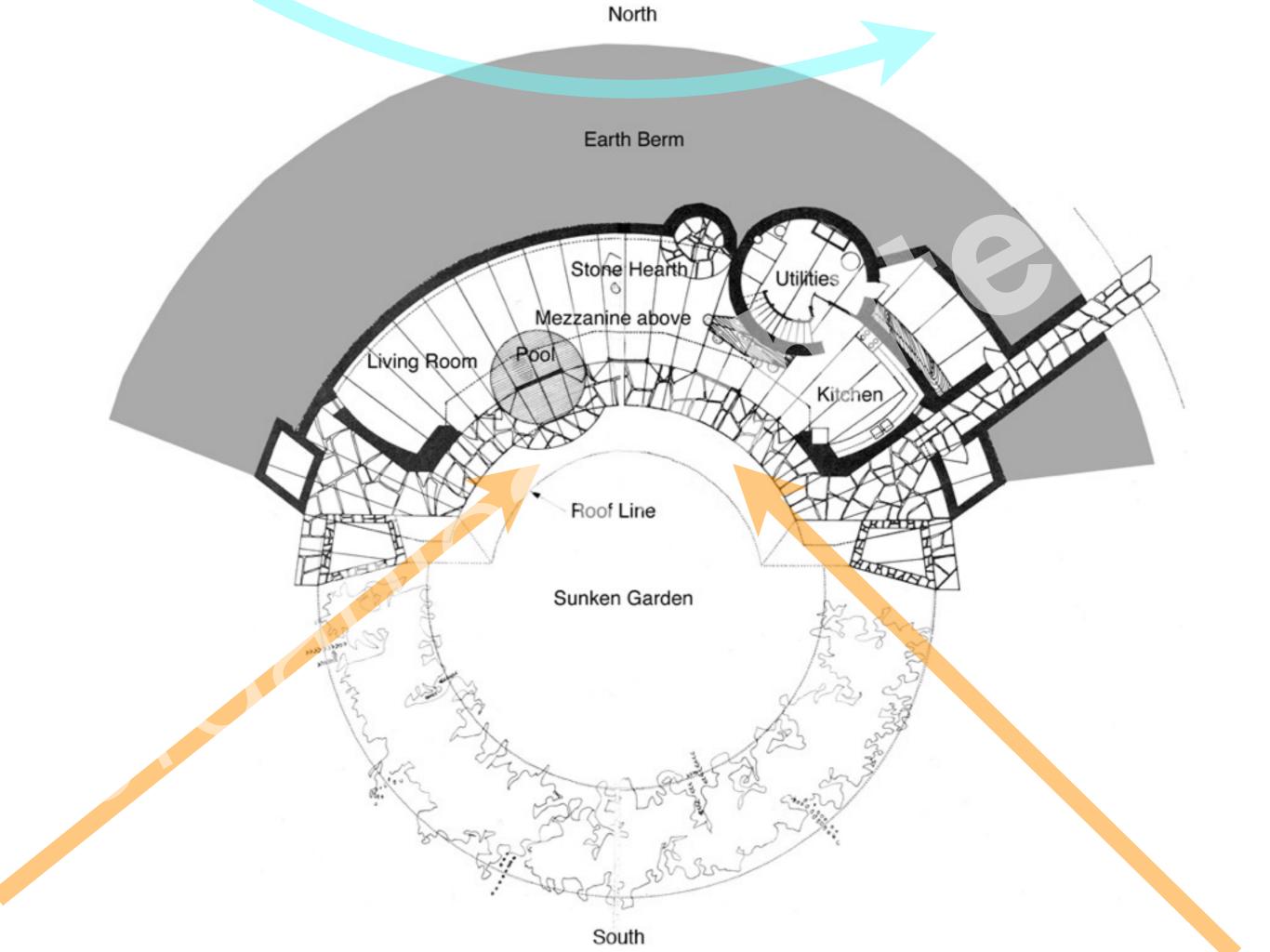


nature









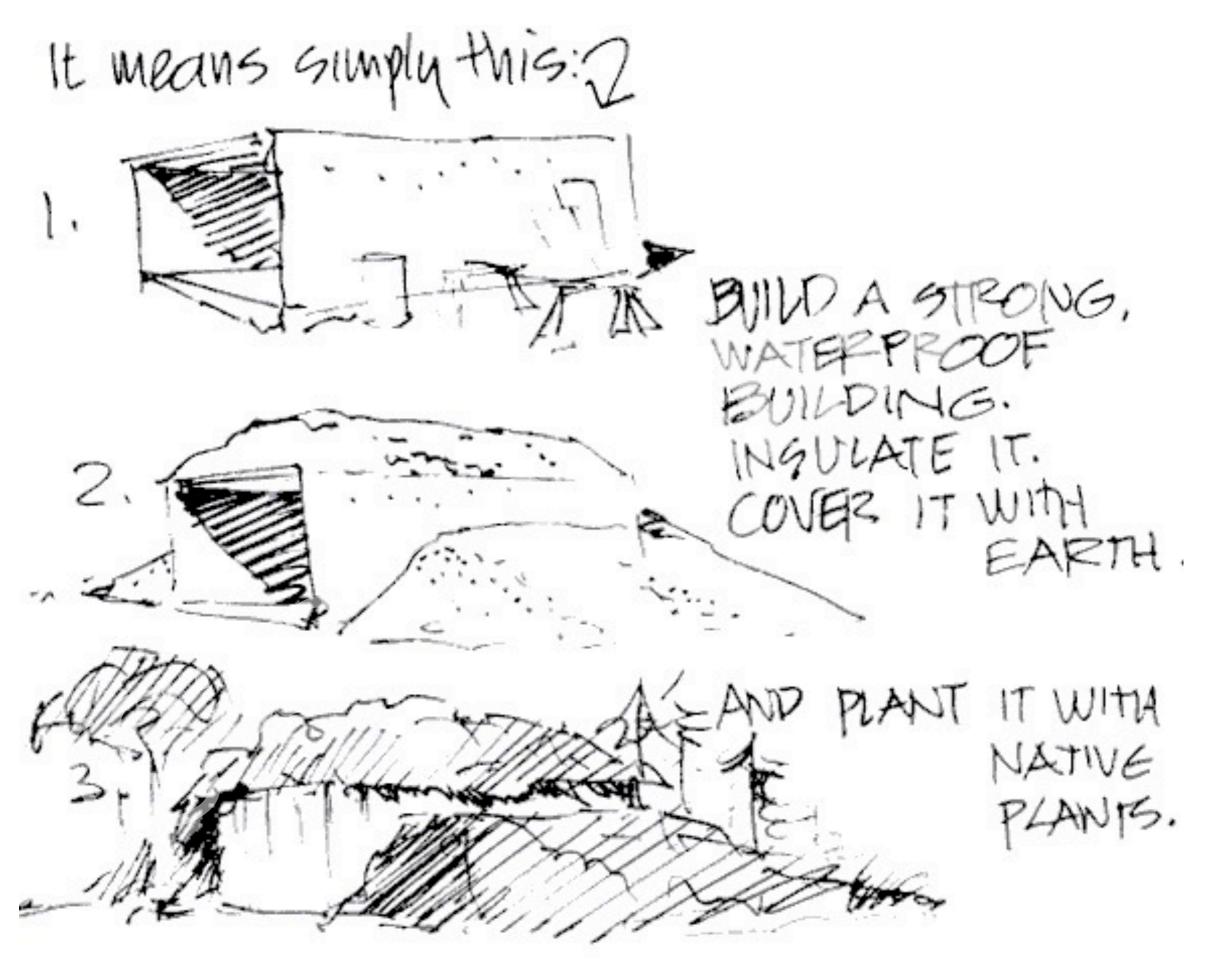




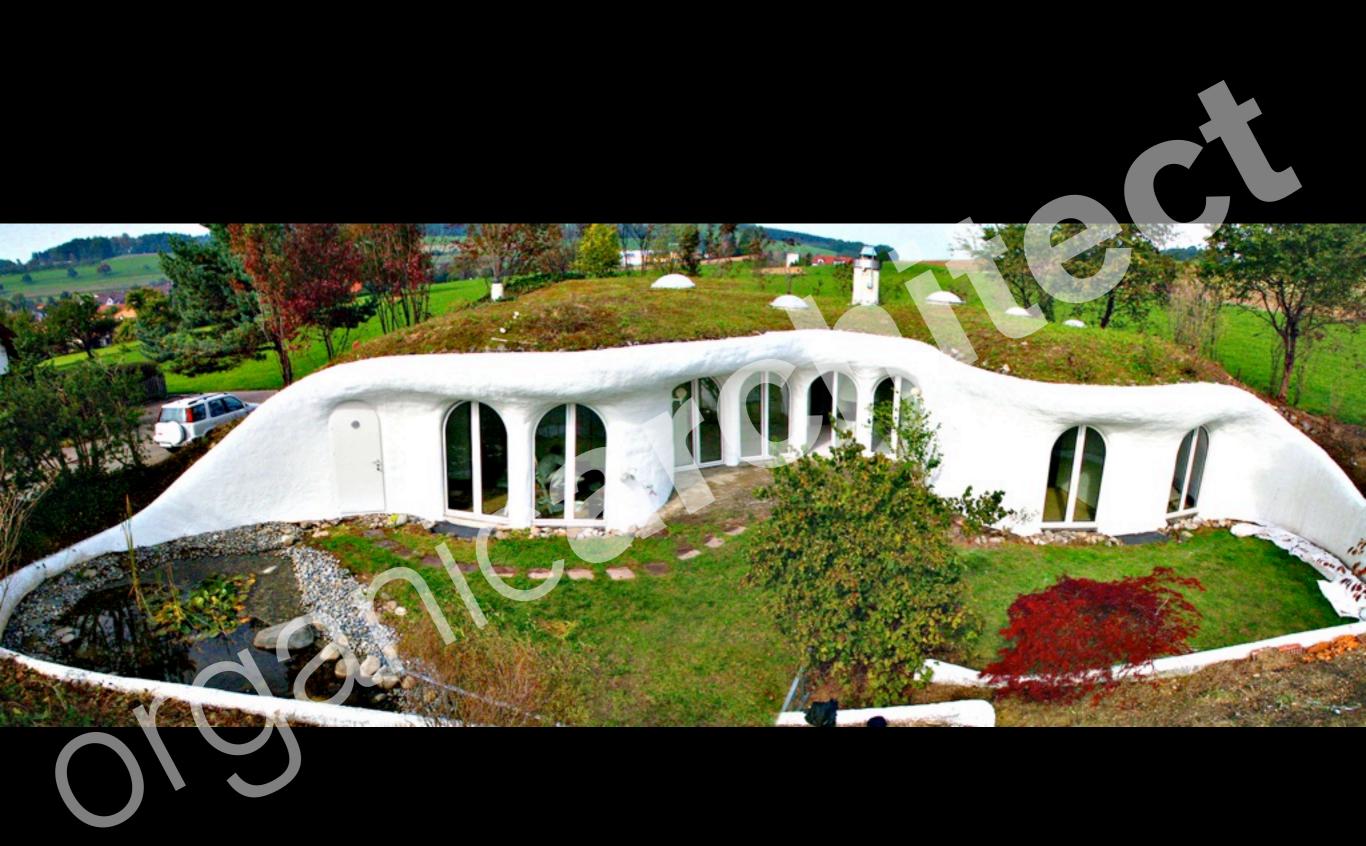








Underground Architecture Malcolm Wells



Switzerland Peter Vetsch



Hydrophile Project Stockholm, Sweden servo architects Absorbs Sound Filters Air Produces Oxygen Absorbs Carbon Adds Biodiversity Protects Building Graffiti Proof Cuts cooling costs Filters stormwater





Musée du quai Branly Paris, France Patrick Blanc





Embassy Suites Chicago Downtown Chicago, Illinois Designer: Ambius GSky Plant Systems Inc.





NATURE MAMMADE

Styrofoam Sculpture by Tara Donovan

-



fractal algorithm by Tom Beddard

sea urchin shell

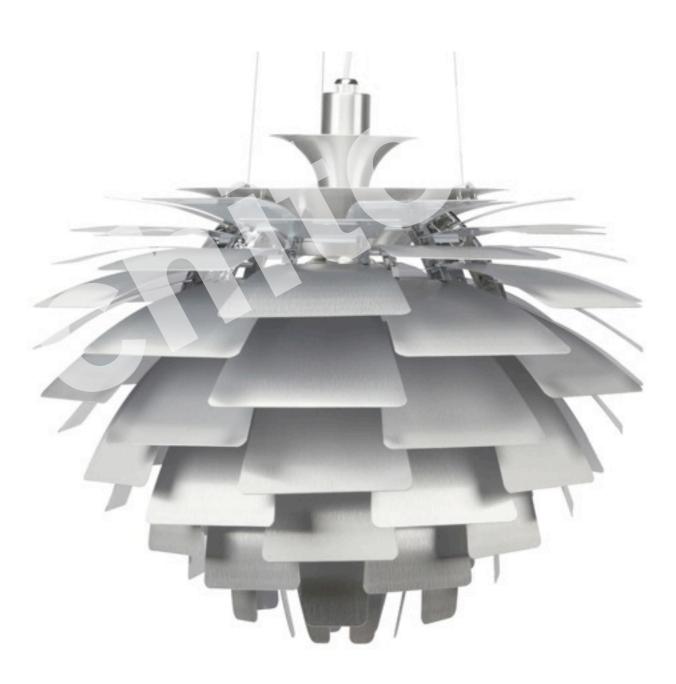
4 billion years of research and development...



Iet's
chop
itJet's
chop
it



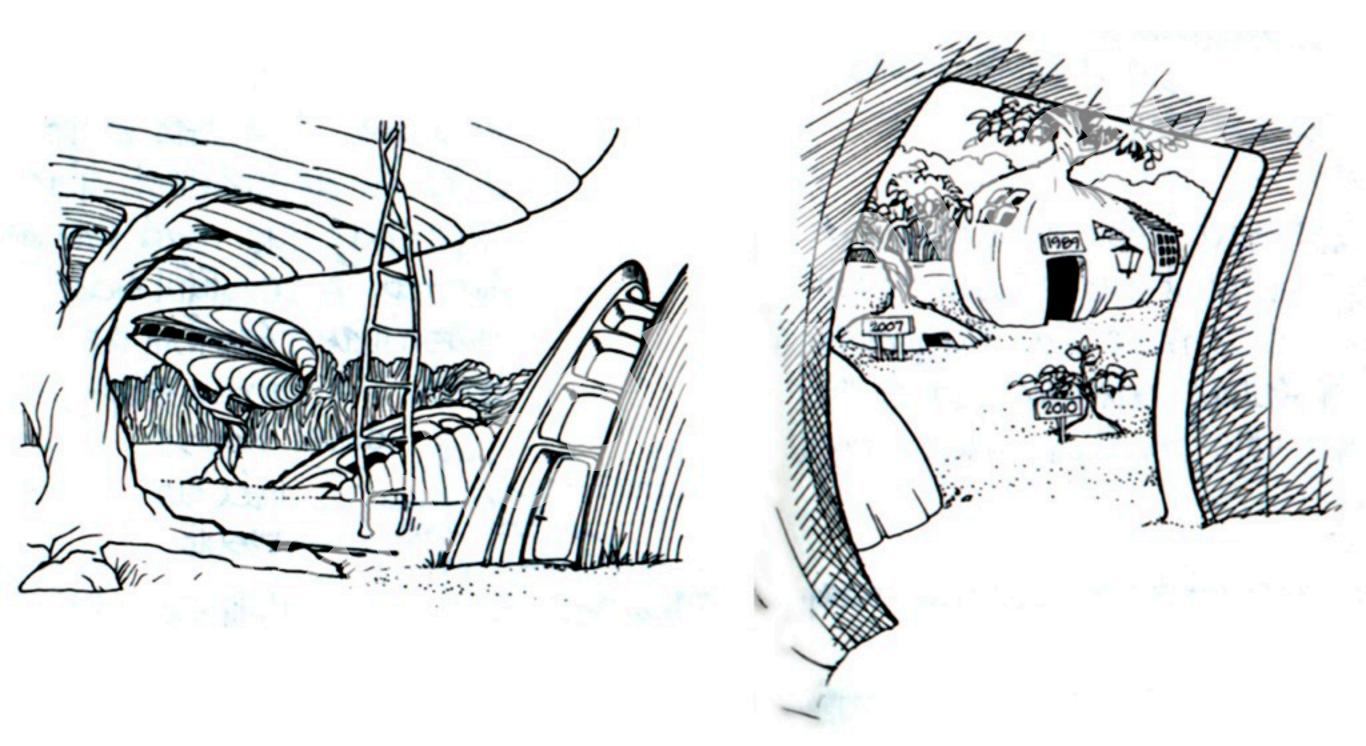




Artichoke

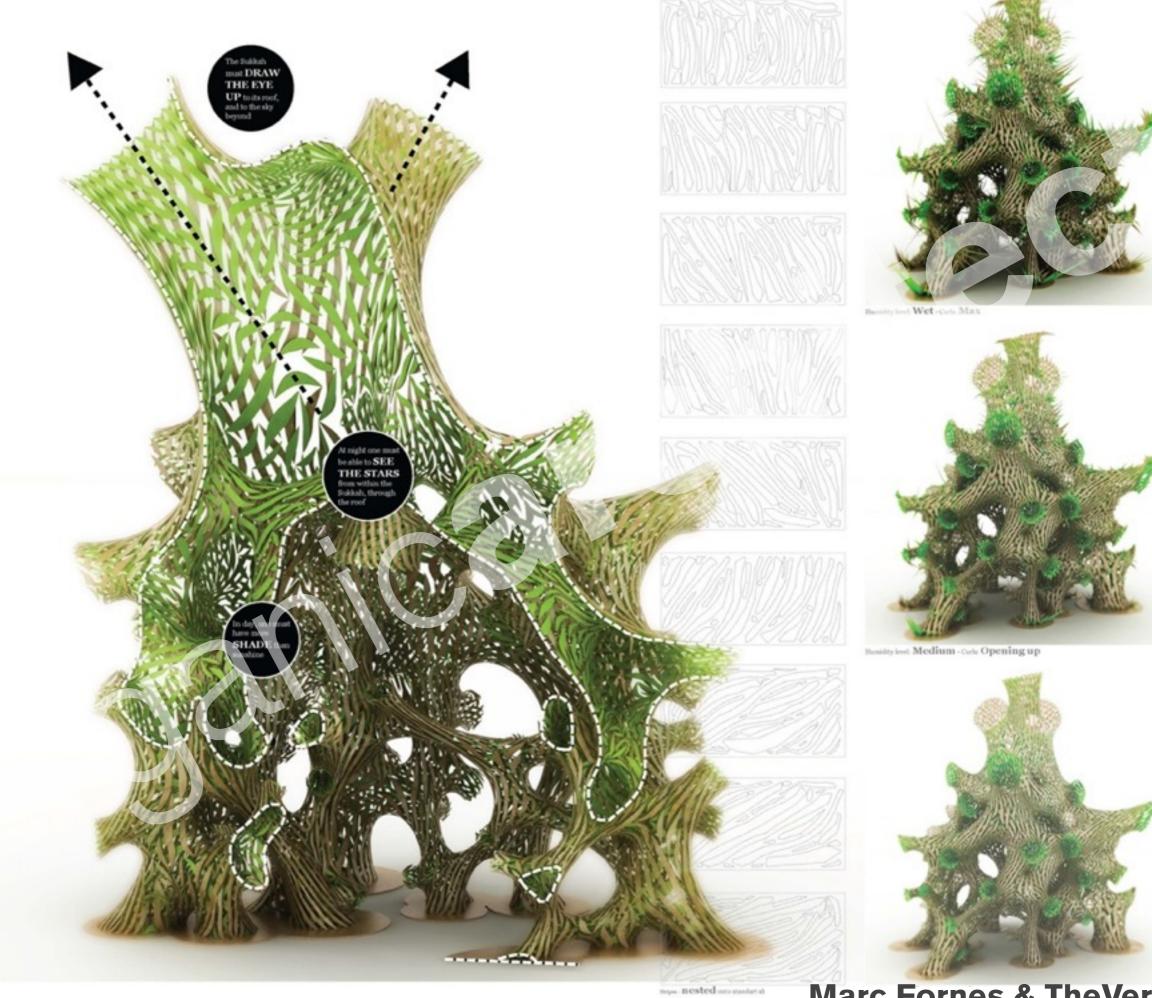
Artichoke Lamp Poul Henningsen,1958

Sea Sponge Tile Element Clay Studio



Concept Sketch 1980 Malcolm Wells





Marc Fornes & TheVeryMany



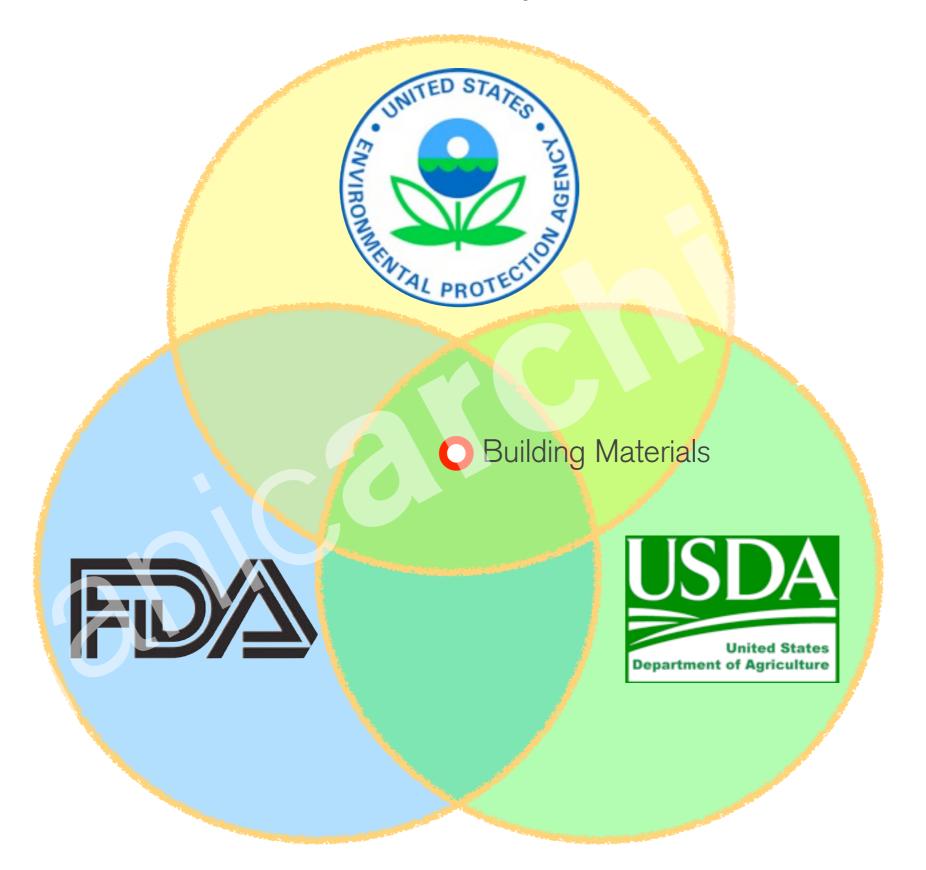




Where are the masks for the people who stay behind and have to live and work in these buildings?

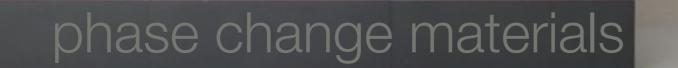


Who oversees the health and safety of **Building Materials?**



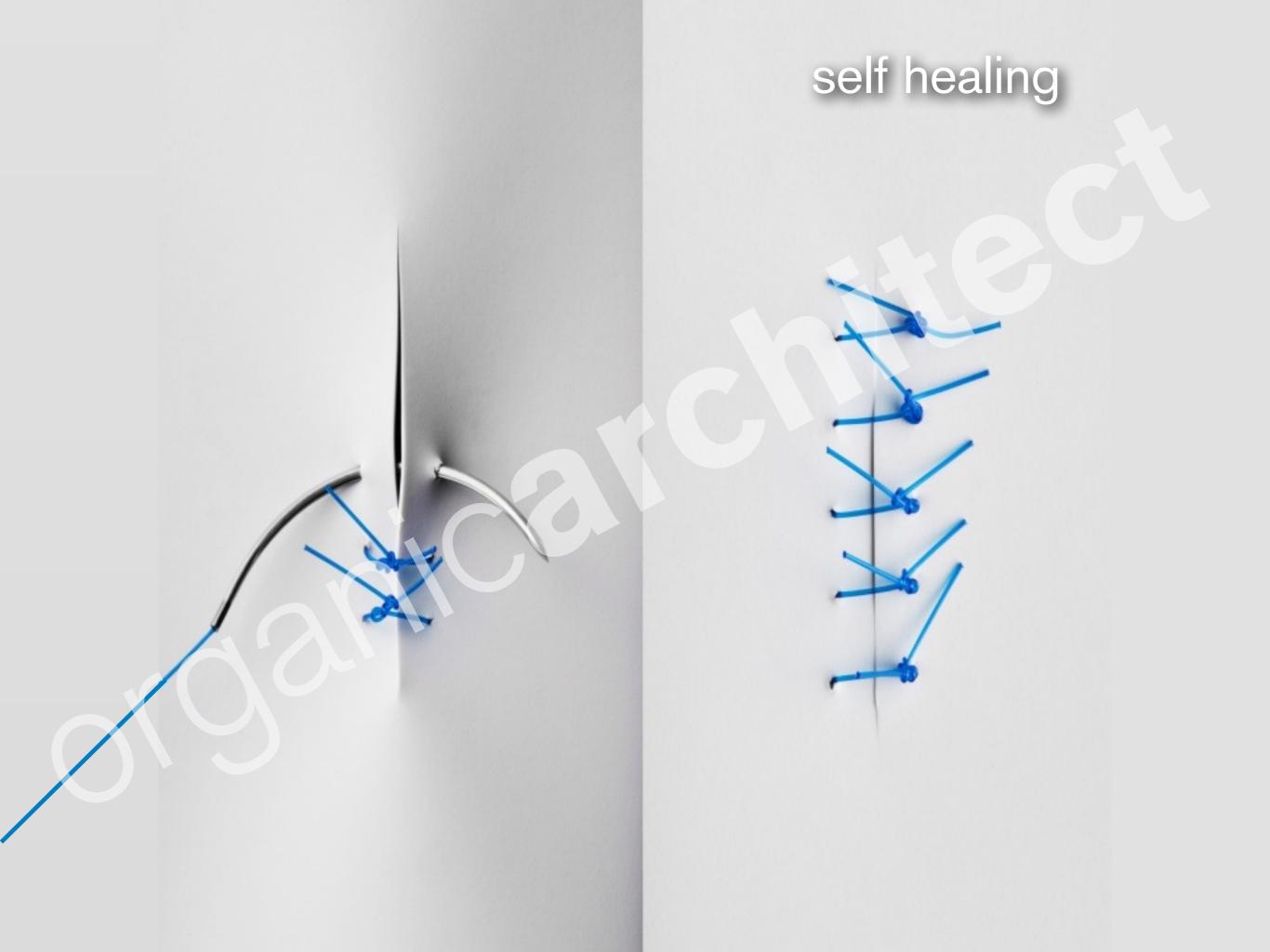


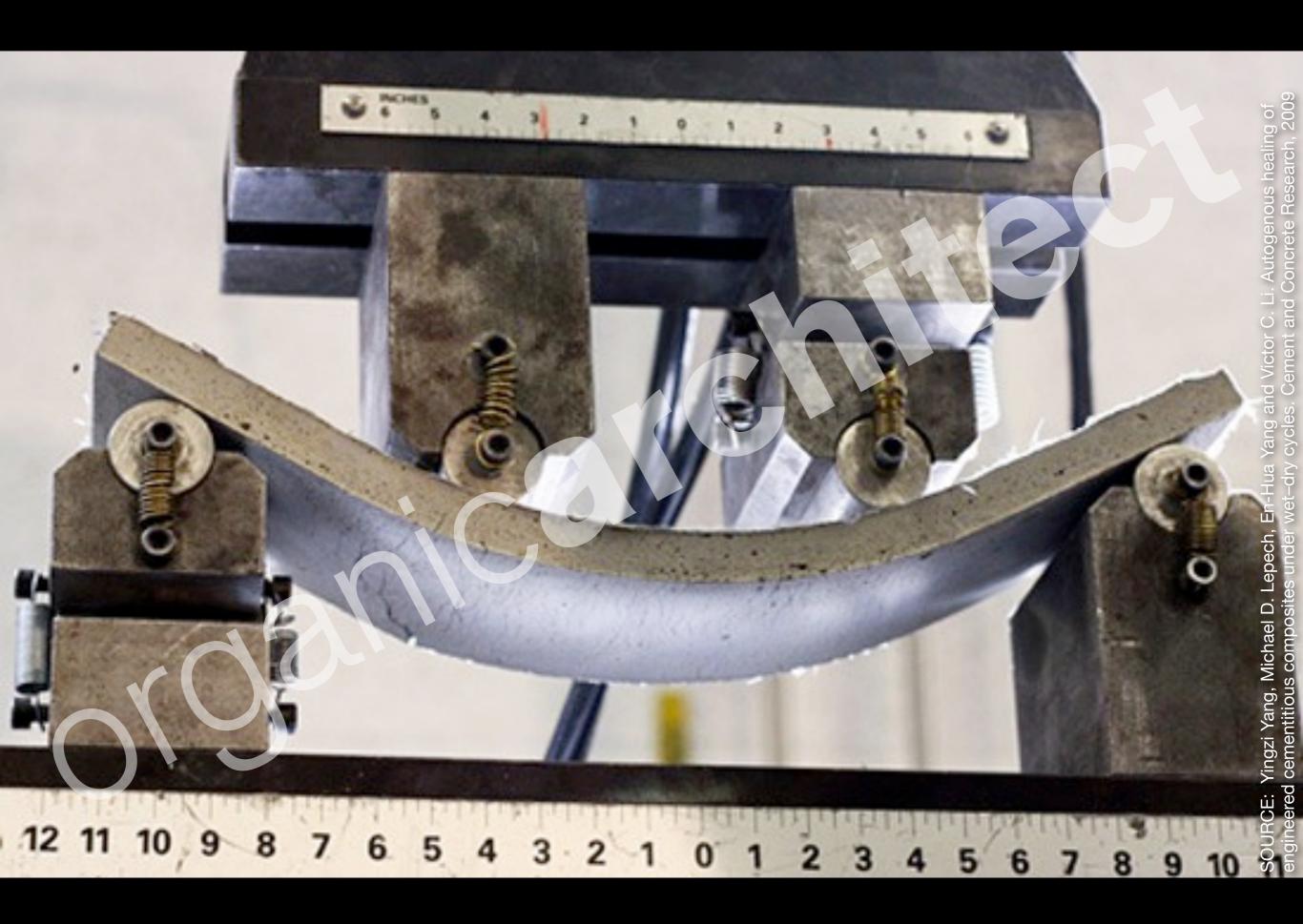
i an 100 materials as nutrients



80.00

















recessed lighting?

ecovativedesign.com



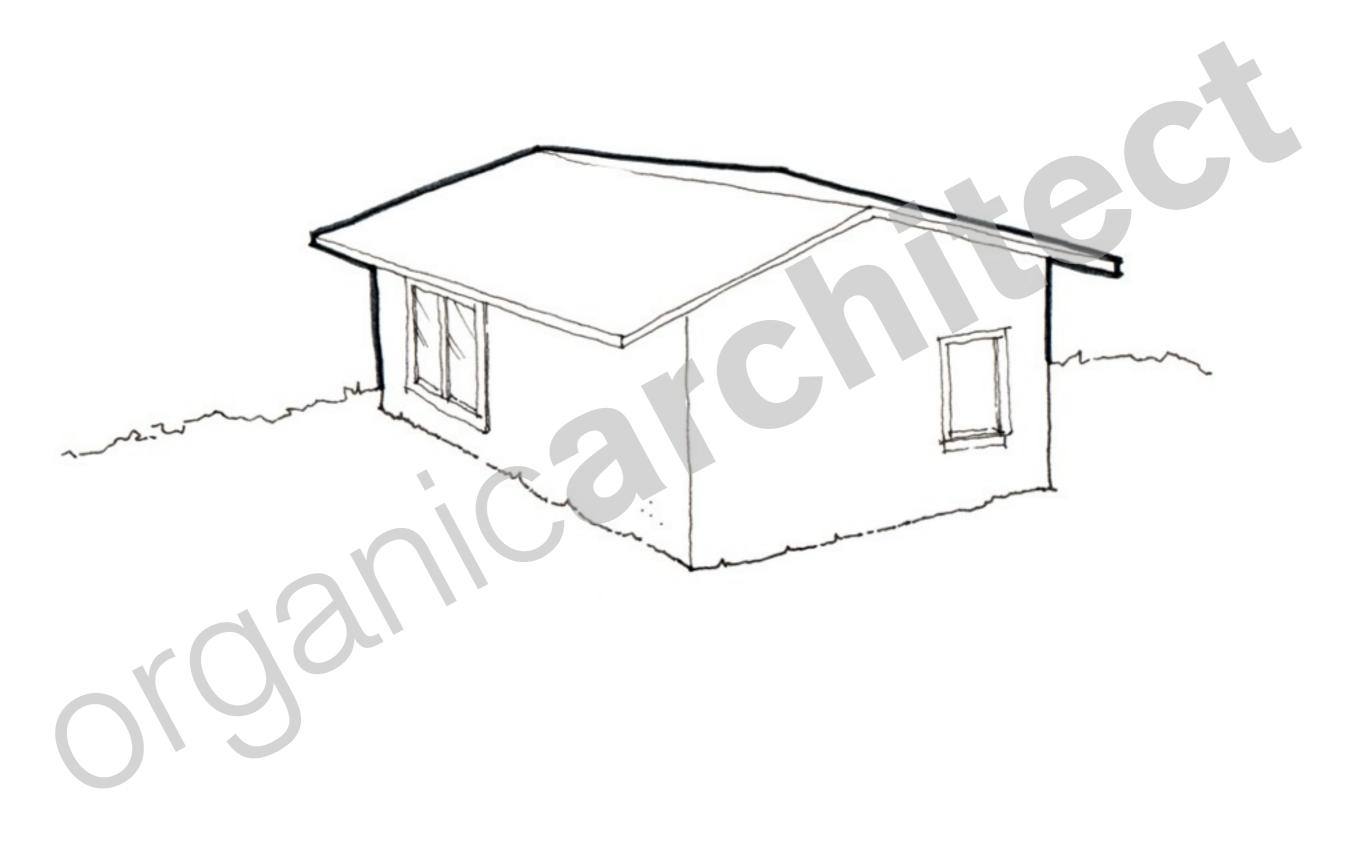


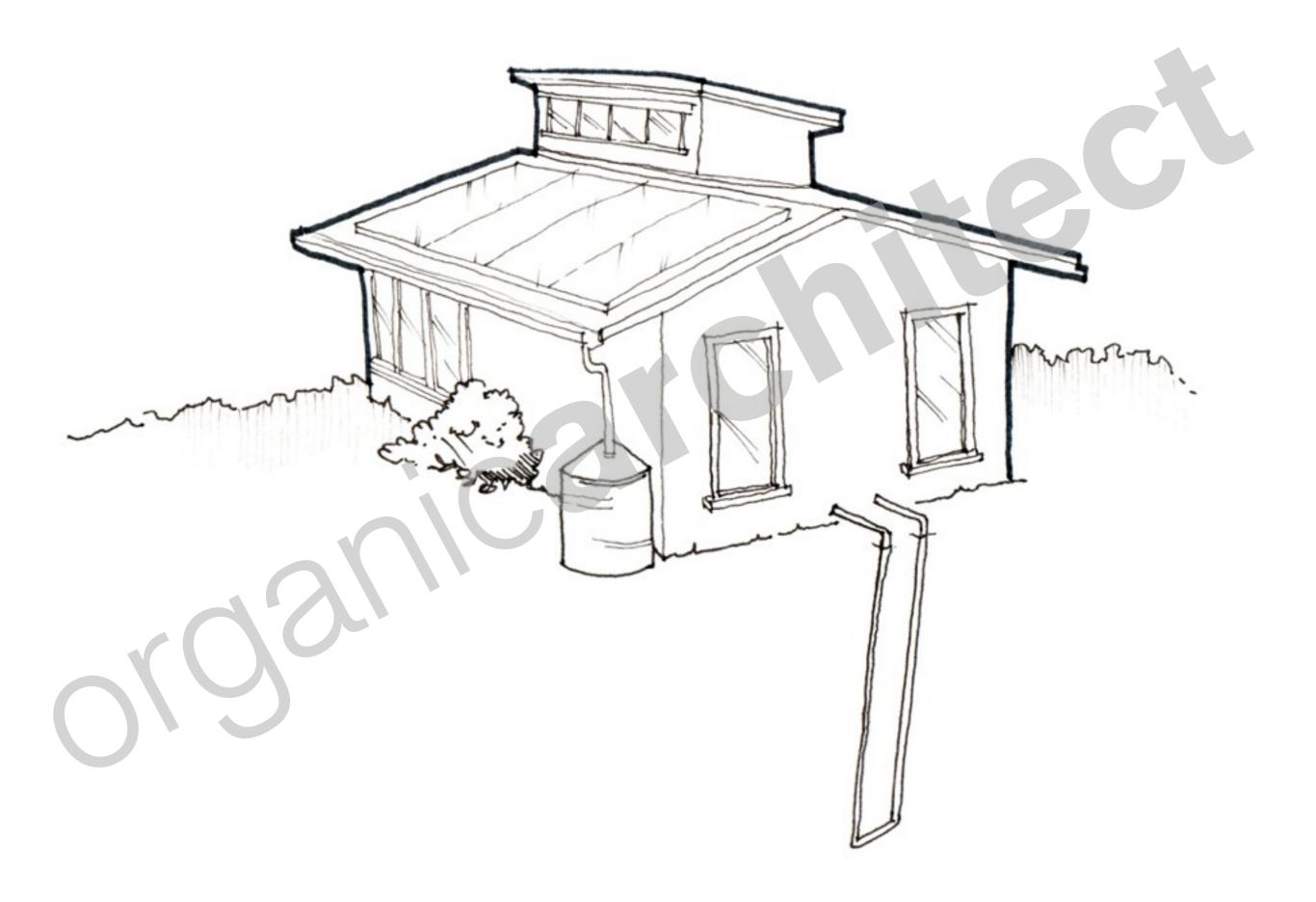


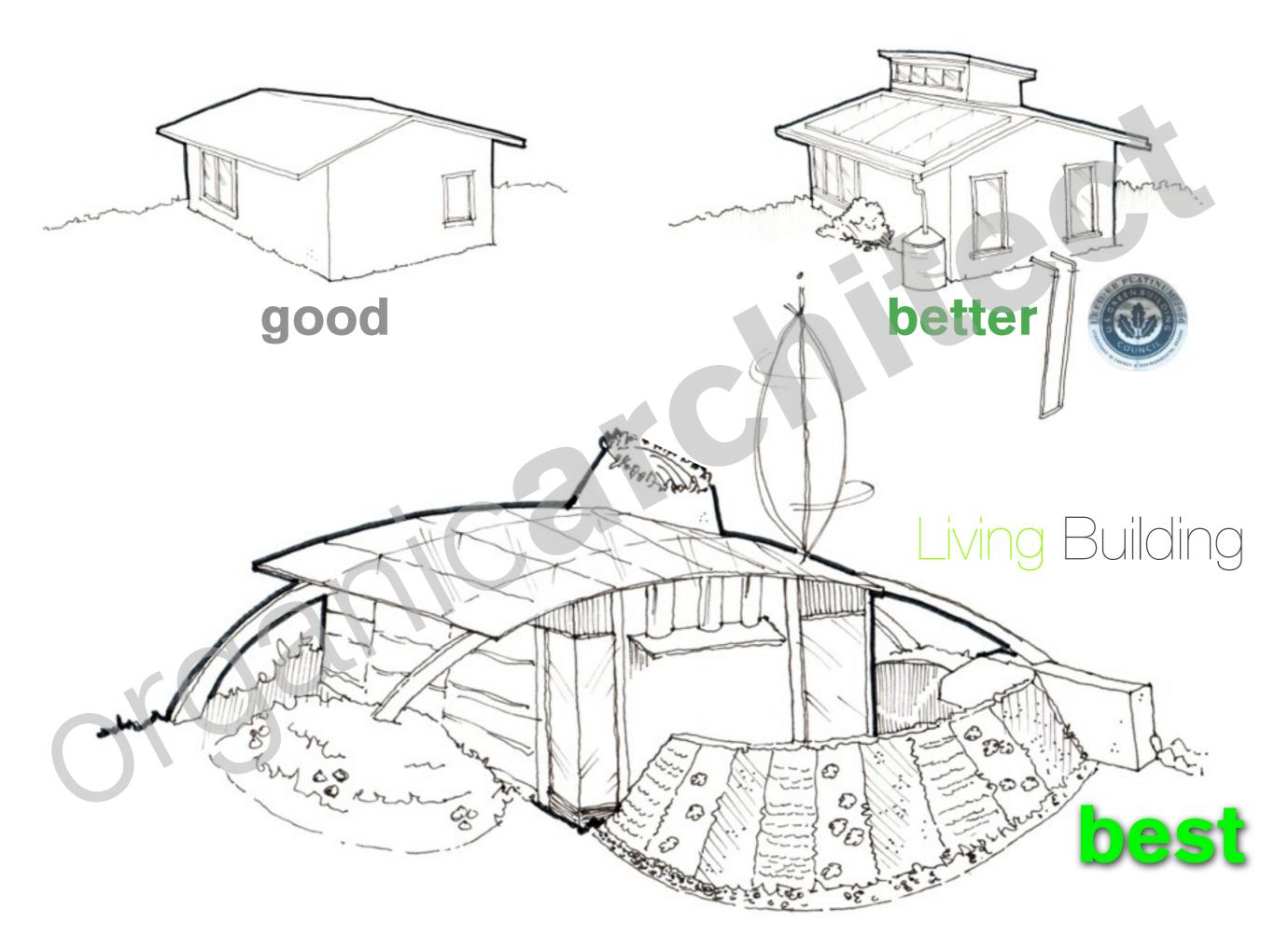












environmental movement





SURVIVING the CONVERGING CATASTRON of the TWENTY-FIRST CENTURY

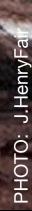
THE NE

YEARS

JAMES HOWARD KUNSTLER

1970 - 2000 (30 years) **2000 - 2010** (10 years) **2010 - 2050** (40 years)

Guilt Financial Payback Dodo survival





this is a volunteer



IF YOU DON'T PRESERVE NATURE BY USING LOW-WATTAGE BULBS, WHO WILL?



Change Your Light Builds! ... STILL: Emma Stone in Easy A - TOTO



(mammalian sedentary blobicus)

the affected dodo

Telegraph.co.uk

Americans are 'profoundly bored' by climate change

Institute for Public Policy Research

July 17, 2010







Robert F. Kennedy Jr. Walden University, July 2007

ocean oil



Ruidinc

hope. provides solutions. provides ste reuse. A provides bon sink. ca provides energy. provides $\mathbf{1000}$ provides clean water. provides clean air. provides habitat. provides

The New York Eines

Sharp Cut in Burning of Fossil Fuels Is Urged to Battle Shift in Climate

"The Earth has been warmer in the first five months of this year than in any other comparable period since measurements began 130 years ago..."



"You can always count on the Americans to do the right thing....

but only after they have EXHAUSTED every other possible option."

-Winston Churchill

QUESTIONS

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dodosapiens.com

DROP OFF YOUR BUSINESS CARD