



Global Resources Environmental & Energy Network
EXPOSICIÓN Y CONFERENCIAS



CONIECO

XXI Congreso
Internacional
Ambiental

25-27 Septiembre, 2013

WTC, Ciudad de México

Soluciones para una economía verde sostenible



Programa de certificación Living Building Challenge

thegreenexpo.com.mx



LIVING BUILDING CHALLENGE 2.0

A VISIONARY PATH TO A RESTORATIVE FUTURE

www.livingbuildingchallenge.org



INTERNATIONAL
LIVING FUTURE
INSTITUTE™

THE METAPHOR OF THE FLOWER

ROOTED IN PLACE AND YET:

Harvests all energy + water

Is adapted to climate and site

Operates pollution free

Is comprised of integrated systems

Is beautiful



WHY A CHALLENGE?

Infusing inspiration and poetry

Embracing the psychology of the 'end game'

Rewarding early adopters

Creating models for the future

Stirring the pot

Pulling the market forward



TWO RULES

1. All Imperatives assigned to a Typology are mandatory.
2. Living Building Challenge certification is based on actual, rather than modeled or anticipated, performance.





Renovation



Landscape + Infrastructure



Building

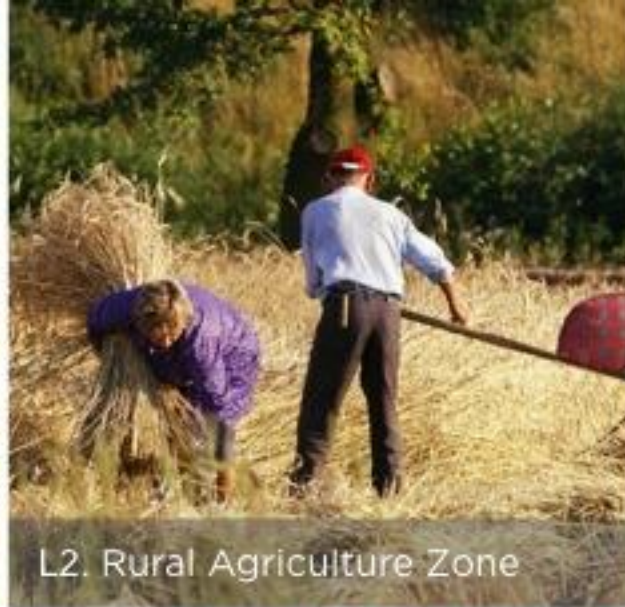


Neighborhood

FOUR TYPOLOGIES



L1. Natural Habitat Preserve



L2. Rural Agriculture Zone



L3. Village or Campus Zone



L4. General Urban Zone



L5. Urban Center Zone



L6. Urban Core Zone

SIX "LIVING TRANSECT" CATEGORIES



SCALE JUMPING




© 2011 Int'l Living Future Institute

SITE

Restoring a healthy coexistence with nature

www.livingbuildingchallenge.org


	NEIGHBORHOOD	BUILDING	LANDSCAPE + INFRASTRUCTURE	RENOVATION	 Imperative omitted from Typology <i>Scale</i> Solutions beyond project footprint are permissible
SITE					LIMITS TO GROWTH
					URBAN AGRICULTURE
					HABITAT EXCHANGE
WATER					CAR FREE LIVING
					NET ZERO WATER
					ECOLOGICAL WATER FLOW
ENERGY					NET ZERO ENERGY
HEALTH					CIVILIZED ENVIRONMENT
					HEALTHY AIR
					BIOPHILIA
MATERIALS					RED LIST
					EMBODIED CARBON FOOTPRINT
					RESPONSIBLE INDUSTRY
					APPROPRIATE SOURCING
					CONSERVATION + REUSE
EQUITY					HUMAN SCALE + HUMANE PLACES
					DEMOCRACY + SOCIAL JUSTICE
					RIGHTS TO NATURE
BEAUTY					BEAUTY + SPIRIT
					INSPIRATION + EDUCATION

SUMMARY MATRIX



WATER

Creating water independent sites, buildings + communities

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ENERGY

Relying only on current solar income

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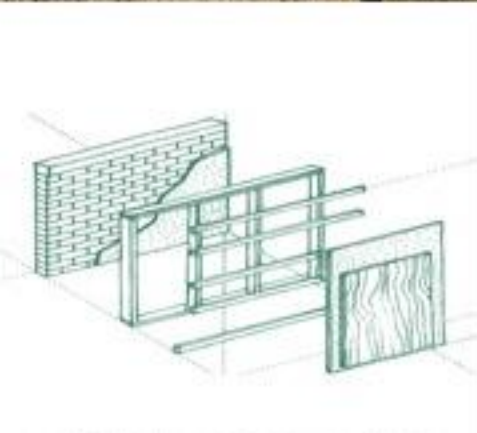


HEALTH

Maximizing physical and psychological health + well being


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MATERIALS

Endorsing products + processes that are safe for all species through time

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EQUITY

Supporting a just, equitable world

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Scale Jumping

Scale Jumping

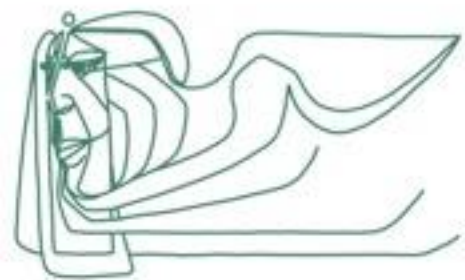
Scale Jumping

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SUMMARY MATRIX



BEAUTY

Celebrating design that creates transformative change

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SUMMARY MATRIX



THERE ARE DOZENS OF PROJECTS IN PURSUIT OF THE CHALLENGE...



certified
'LIVING'

© 2009 Farshid Assassi, Courtesy of BNIM Architects

OMEGA CENTER FOR SUSTAINABLE LIVING
RHINEBECK, NEW YORK

certified
'LIVING'



Images © 2008 Hellmuth + Bicknese Architects, LLC

TYSON LIVING LEARNING CENTER
EUREKA, MISSOURI

certified
'PETAL'
health, beauty,
site, water



Images © 2009 Ann + Gord Baird, www.eco-sense.ca

THE BAIRD RESIDENCE
VICTORIA, BRITISH COLUMBIA

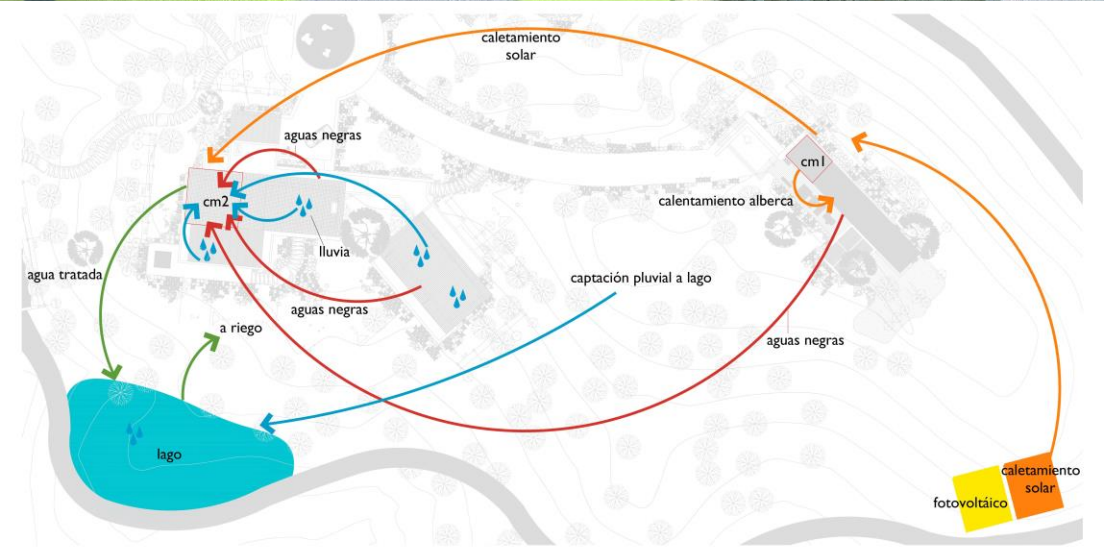
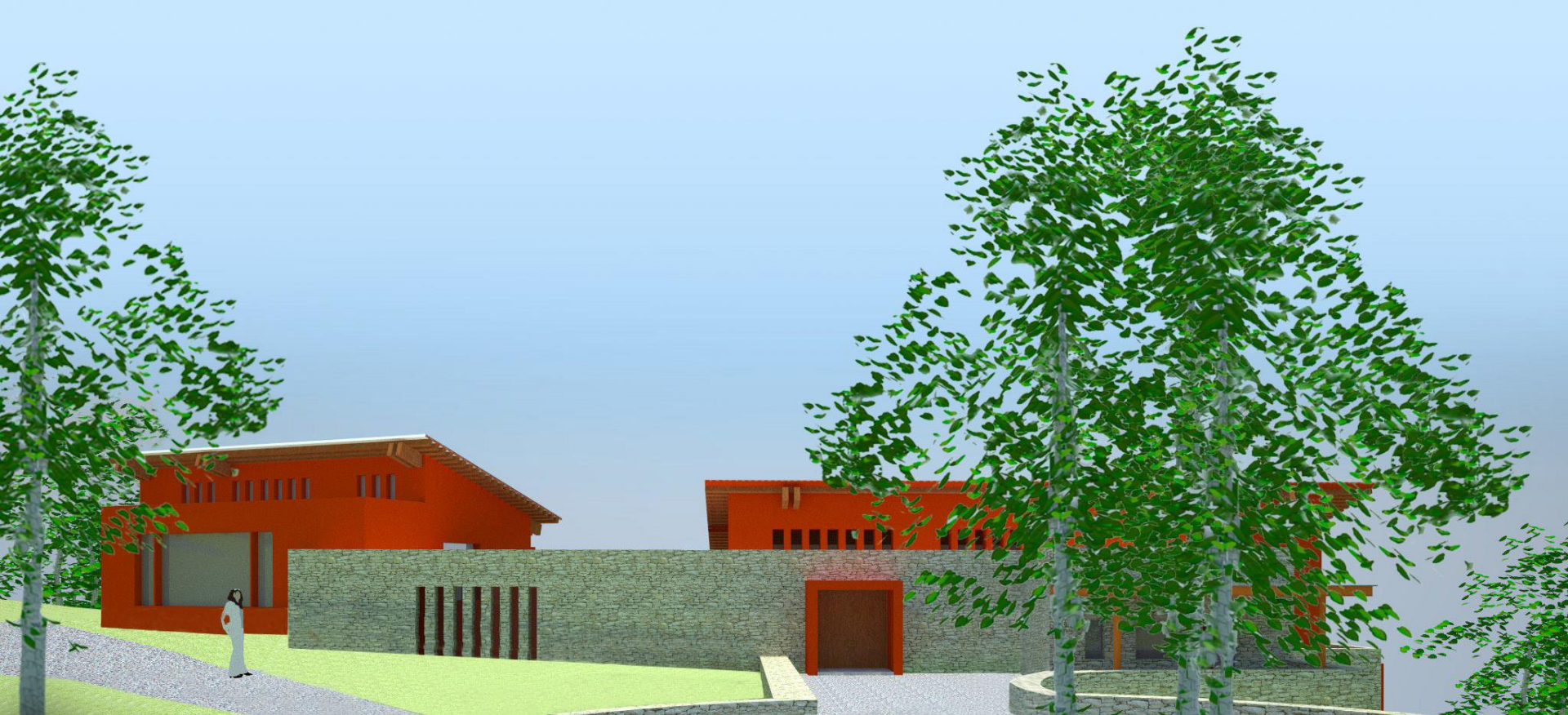
certified
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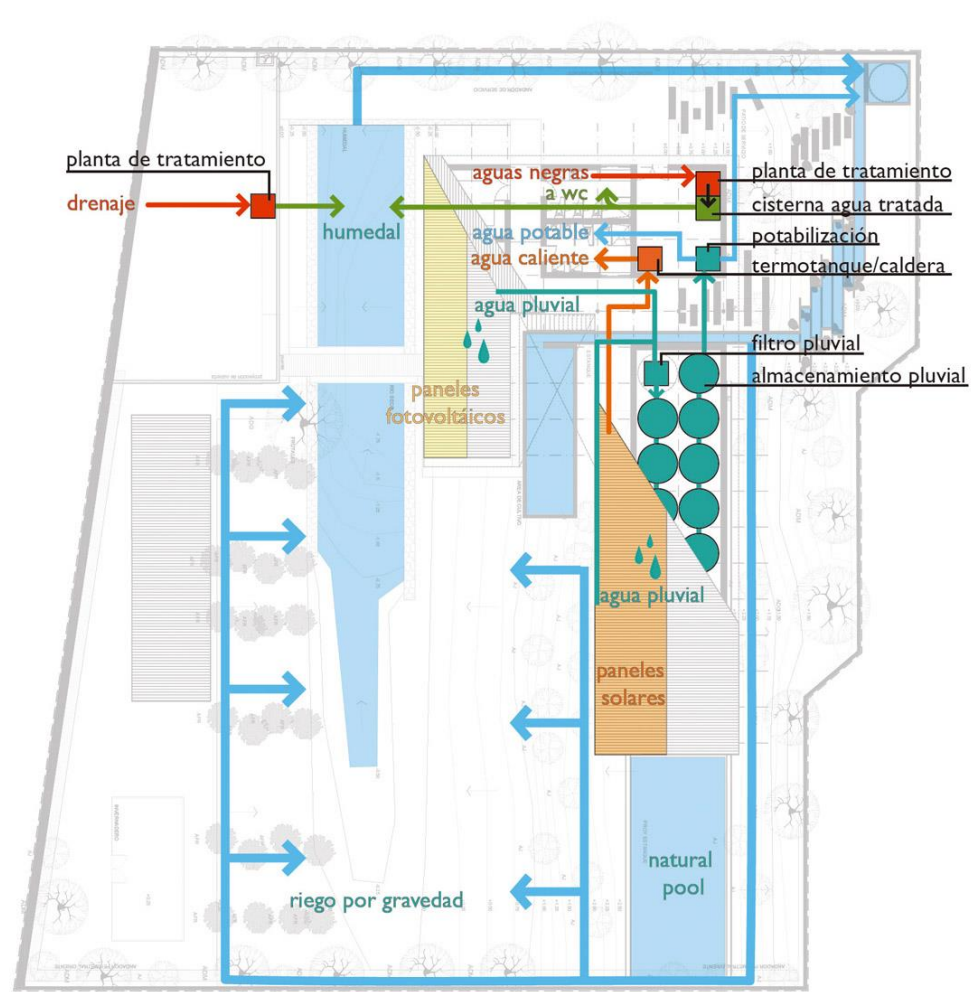


Image © 2010 Matthew Millman Photography, courtesy of Flansburgh Architects

HAWAII PREPARATORY ACADEMY ENERGY LABORATORY WAIMEA, HAWAII









LIVING BUILDING CHALLENGE COUNTRIES EDUCATION RESOURCES ABOUT COMMUNITY SEARCH

VERSION 1.3 VERSION 2.0 CERTIFIED PROJECTS

INSPIRE

The Living Building Challenge inspires us to ask the question:
What if every single act of design and construction made the world a better place?



Our Mission

To encourage the creation of Living Buildings, Sites and Communities in countries around the world while inspiring, educating and motivating a global audience about the need for fundamental and transformative change.

Join the Community

Participate in the Dialogue,
Access the User's Guide,
Register your projects

JOIN TODAY

Competition



Updates

Oct 11, 2010: International Living Building Institute Certifies World's Greenest Buildings

Sep 22, 2010: Design By Nature at the Omega Center: October 15-17

More Updates...

FAQ | Site Map | Accessibility

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IN-HOUSE WORKSHOPS

Designed for your needs, delivered to your office.



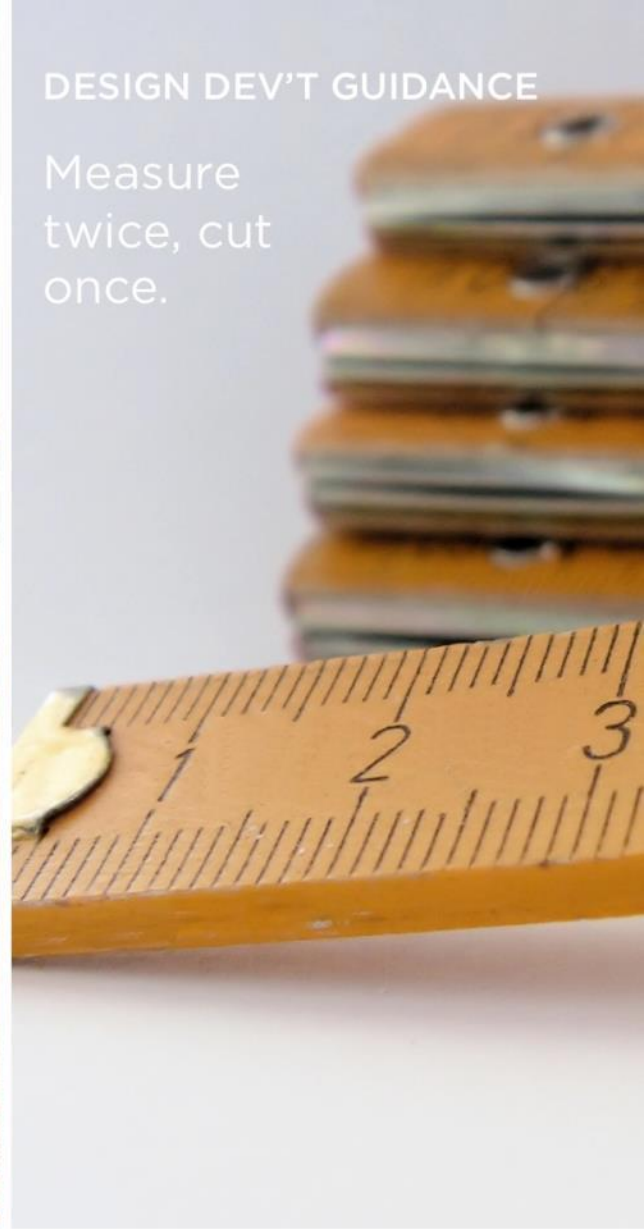
CHARRETTE FACILITATION

The early bird gets the worm.



DESIGN DEV'T GUIDANCE

Measure twice, cut once.



TECHNICAL ASSISTANCE FOR PROJECT TEAMS



JOIN THE COMMUNITY

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*Muchas gracias
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