

A True Tropical Code

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HAWAII STATE
Energy Office



Soft Benefits

- 10 x 45 = 450 sq ft
- Football parties
- Birthday parties
- Dogs
- Outdoors



IECC 2015:

“THE FIFTY PERCENT SOLUTION”

- At national hearings, IECC 2009, IECC 2012 and IECC 2015 goals were met
- IECC 2015 is 32% more efficient than IECC 2006
- However, Hawaii achieved only a 10% reduction
- The ideal tropical home will achieve a 48% reduction

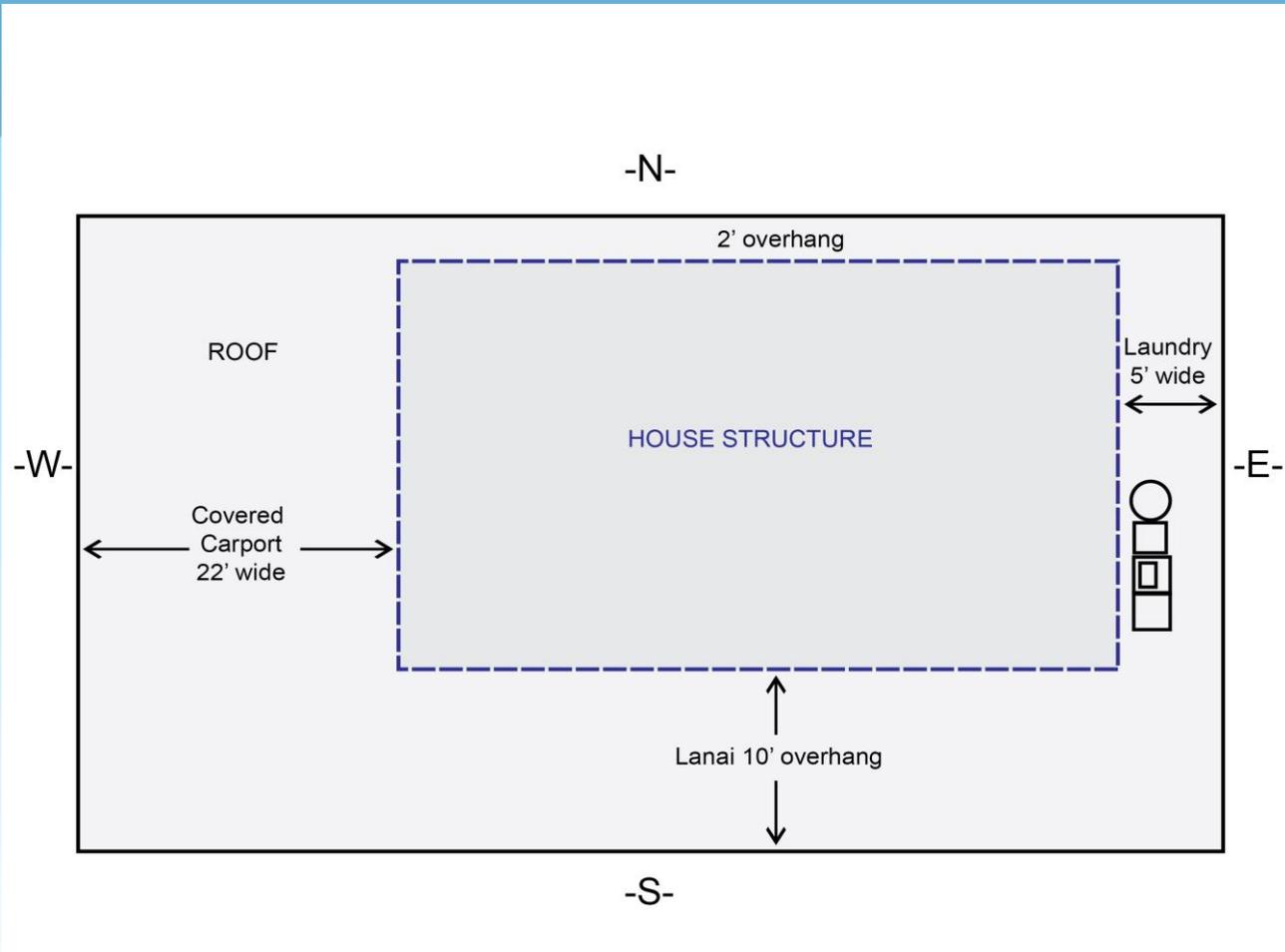


HAWAII: 2006 IECC in 2015

- The Hawaii Building Code Council (Council) was formed in 2007 and adopted 2006 IECC in 2008.
- Hawaii's IECC amendments have created a completely unique code
- Governor did not provide funding=many delays
- Hawaii will “leapfrog” from 2006 IECC to 2015 IECC, plus add a Tropical Code



Tropical code overhead view: small interior, large exterior



My old Hawaii home



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Indoor Culture

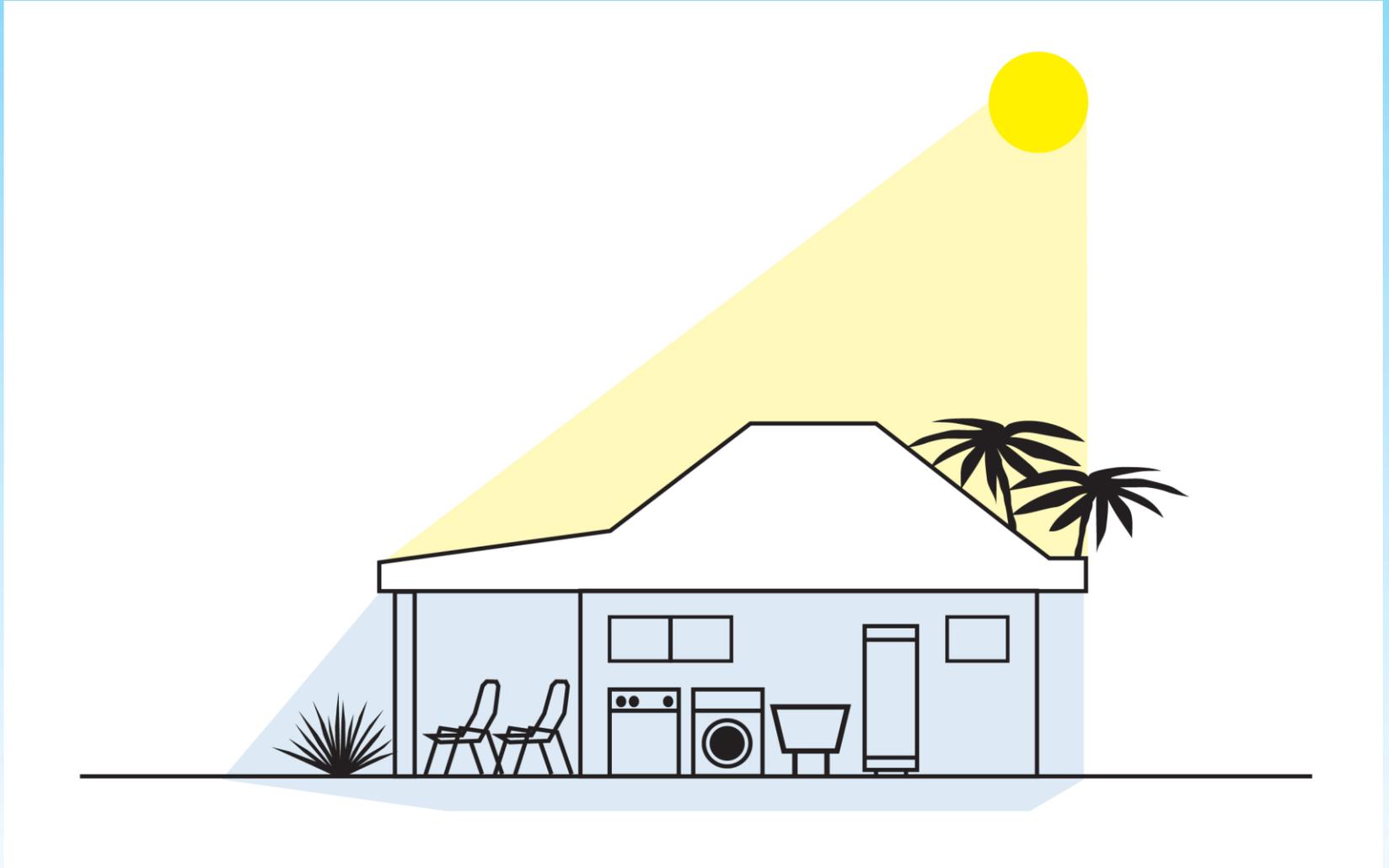
- Tacoma
- Reno
- Chevy Chase
- Portland
- Manoa







Outdoor Appliances



Achieve Consensus?

- Ho'oponopono
- BIA
- County Building Managers
- AIA
- Vendors





Resource Efficiency

- Lower first cost
- Lower maintenance
- Health benefits
- Energy use <48%





Mahalo

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