

stone clad facade

air&weather barrier rainscreen ventilated gypsum

rainscreen ventilated

insulation

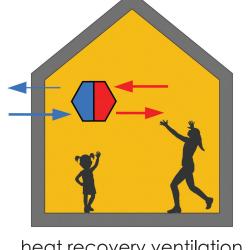
liquid air & weather barrier

design PH

PASSIVE HOUSE PRINCIPLES

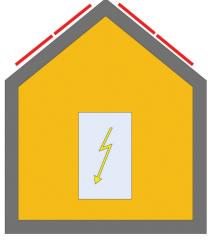








performance window exterior shading



+ renewable energy



breathe freely, live openly - PASSIVE HOUSE comfort for Southern California

– solar pv panel

garage or conversion to

courtyard

front yard

ADU or JADU

vapor barrier

non-ventilated

slab on garde foundation

Heating demand kBTU/(ft²yr)

Generation of renewable energy (in relation to projected building kBTU/(ft²yr)

HRV ventilation supply

HRV ventilation return

legend TFA analysis:

100%

bedroom 1

bedroom 2

coutyard

garage or converted to

ADU or JADU

living room

heat-pump water heater

ventilation and air filter system