

Are you throwing away kilotons of carbon?

The Past: 45 years ago!

Dr. Douglas Balcolmb, Solar Group Leader at LANL said our DOE work was, "one of the most significant passive research and development projects in the country."



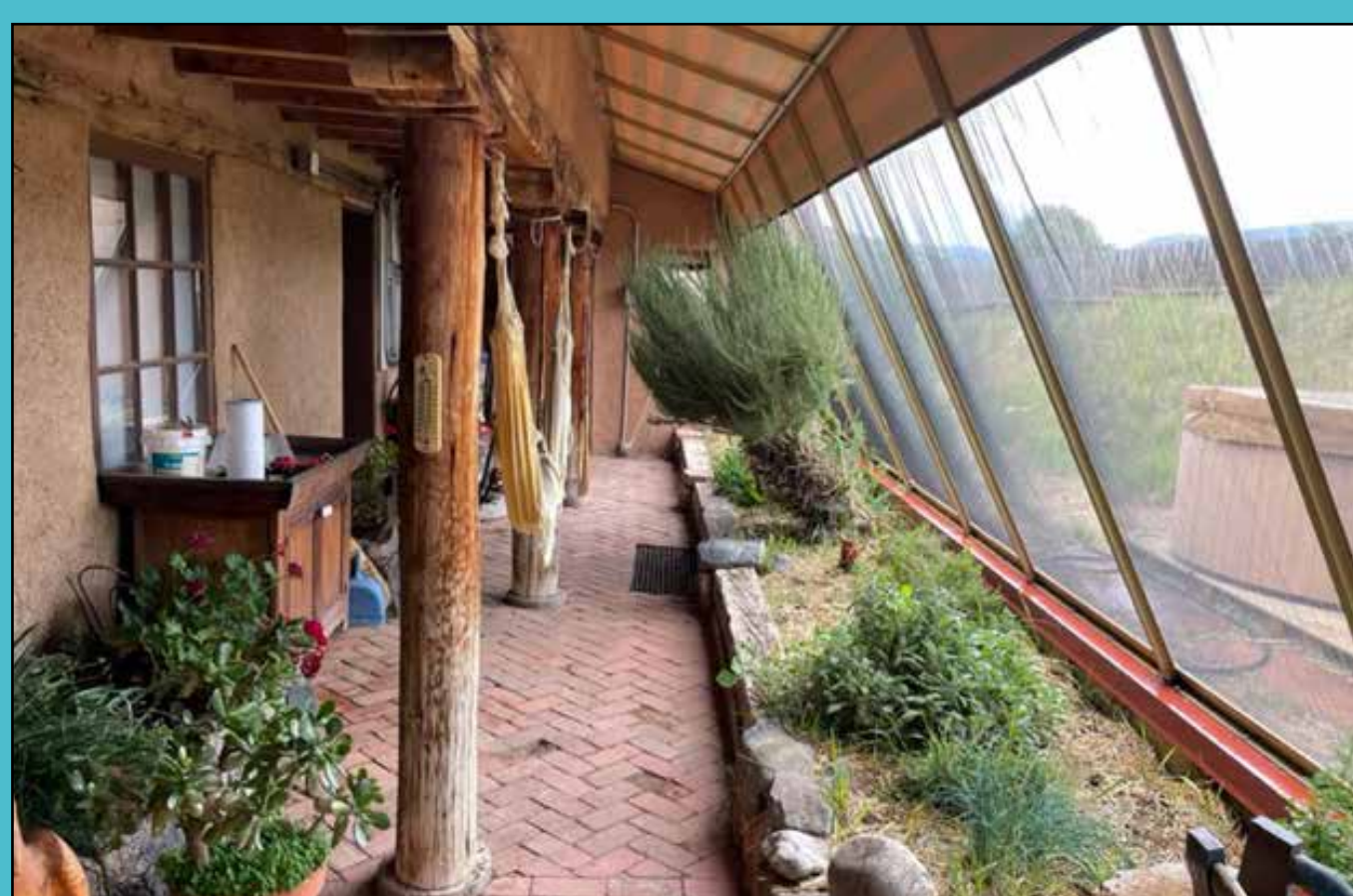
This 43 year old Solar Room® is the direct descendant of DOE-sponsored testing. It has an inflated polyethylene glazing membrane.



The hot tub is PV heated. PV for space heating is 10 times more expensive than Solar Thermal for space heating.



Here the inflated poly membrane has been replaced with the screen awning for summer. Two people can convert to the screen in an hour.



Why?

Solar Bubble Collector®
REPLACES CARBON WHILE
HEATING HOMES AND WALMARTS

Universal Solar Thermal Cladding® is a proven passive technology. It is a retrofit solar thermal glazing system. When ordered, the DIY kit arrives FedX and it's tailored to one's sunny wall(s) or roof(s). Collector Bubbles have a spaceframe of hi-tech materials including its glazing, a double membrane of clear ETFE film or translucent greenhouse Polyethylene film. When stretched over the spaceframe and inflated, Bubbles become tension-structure collectors that "sloughs off 80 MPH winds" while circulating solar heat inside. [Kelvin Harr]

www.passivesolarcladding.com — YouTube

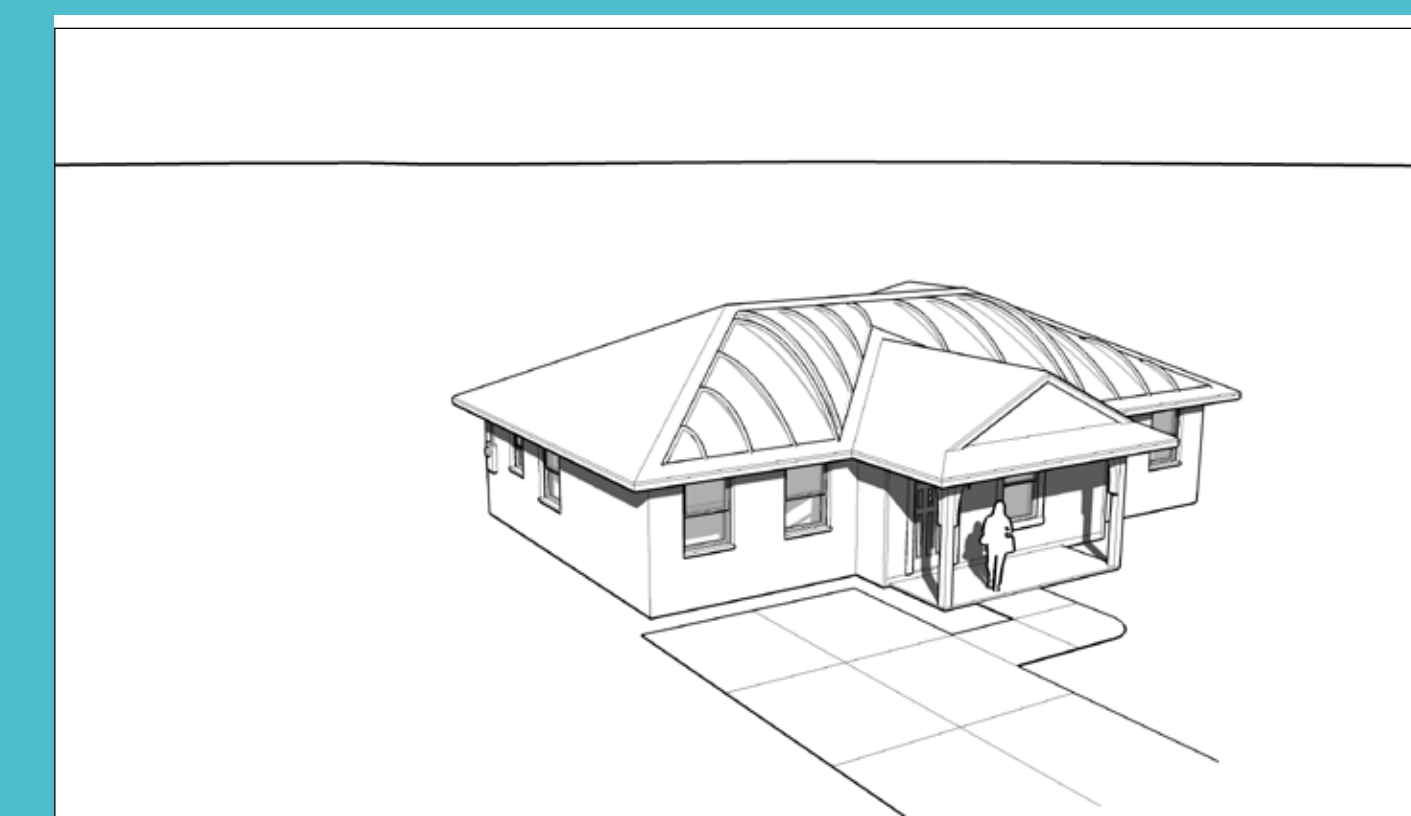
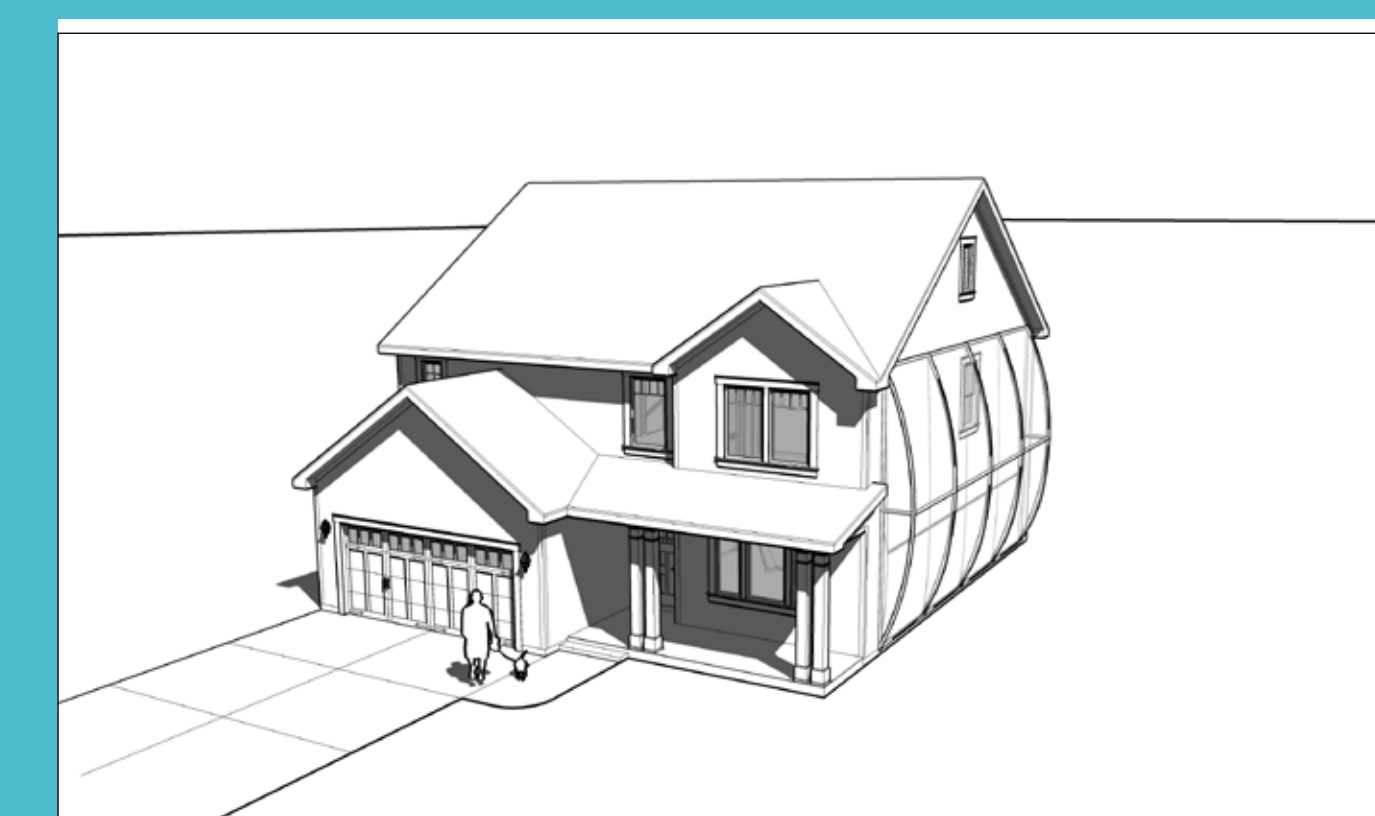
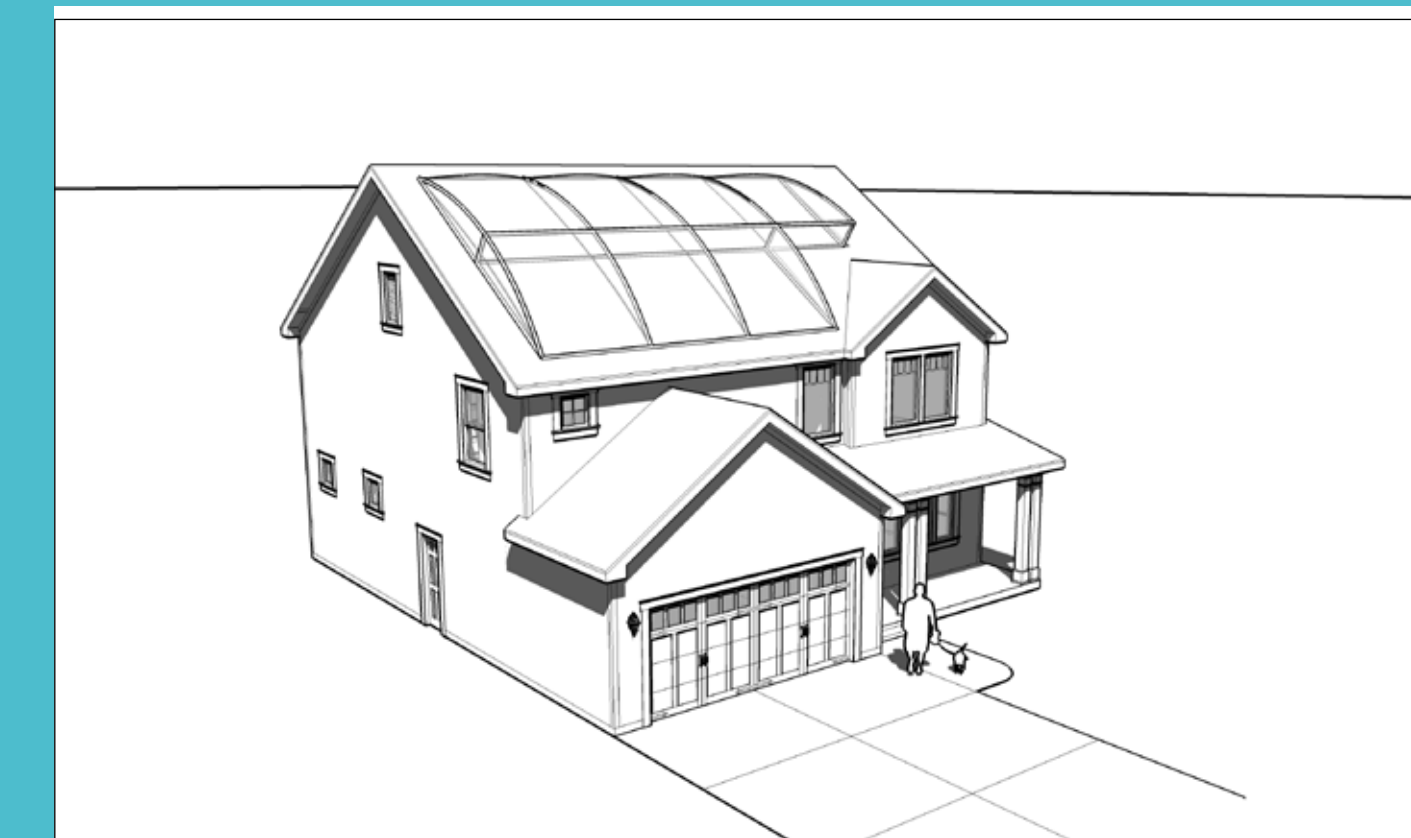
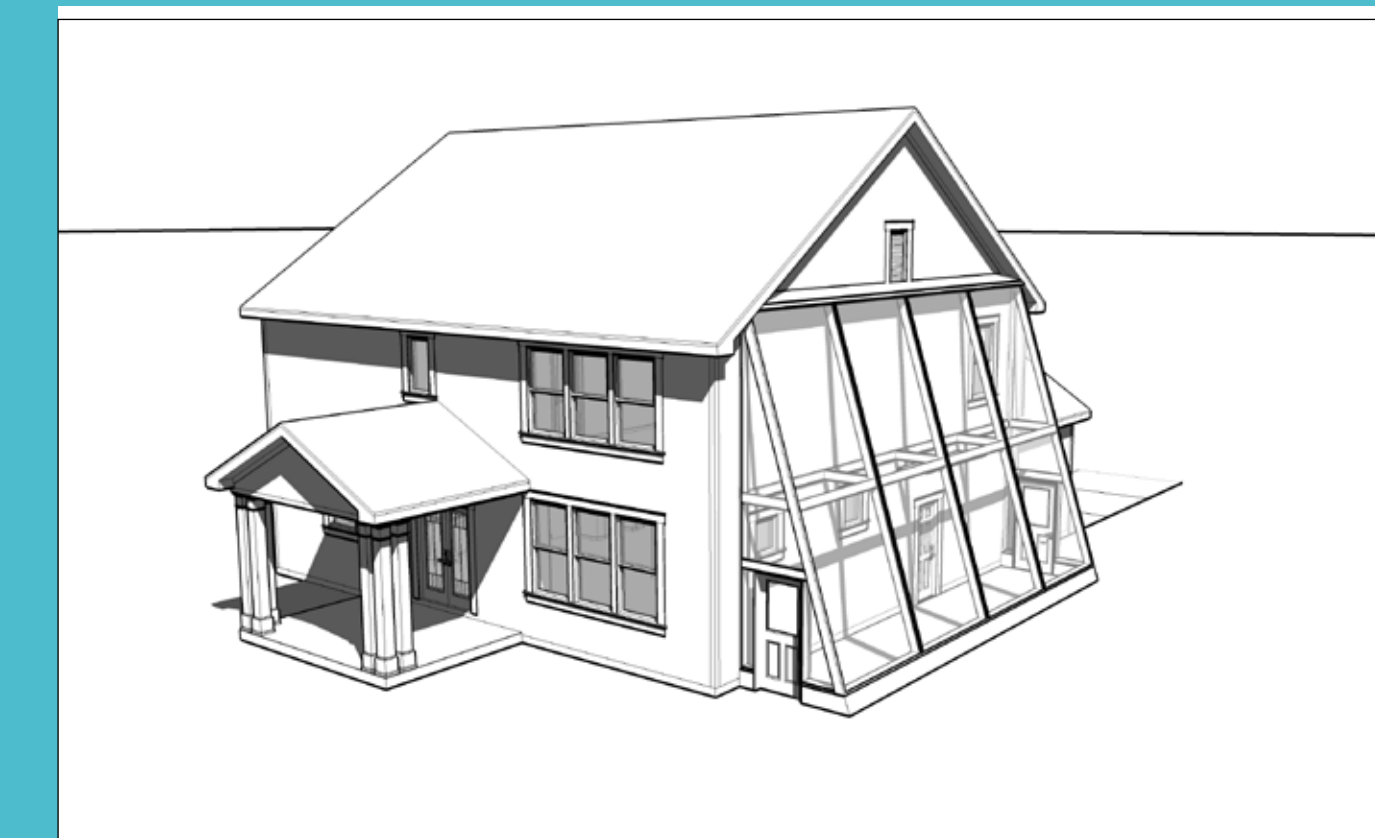
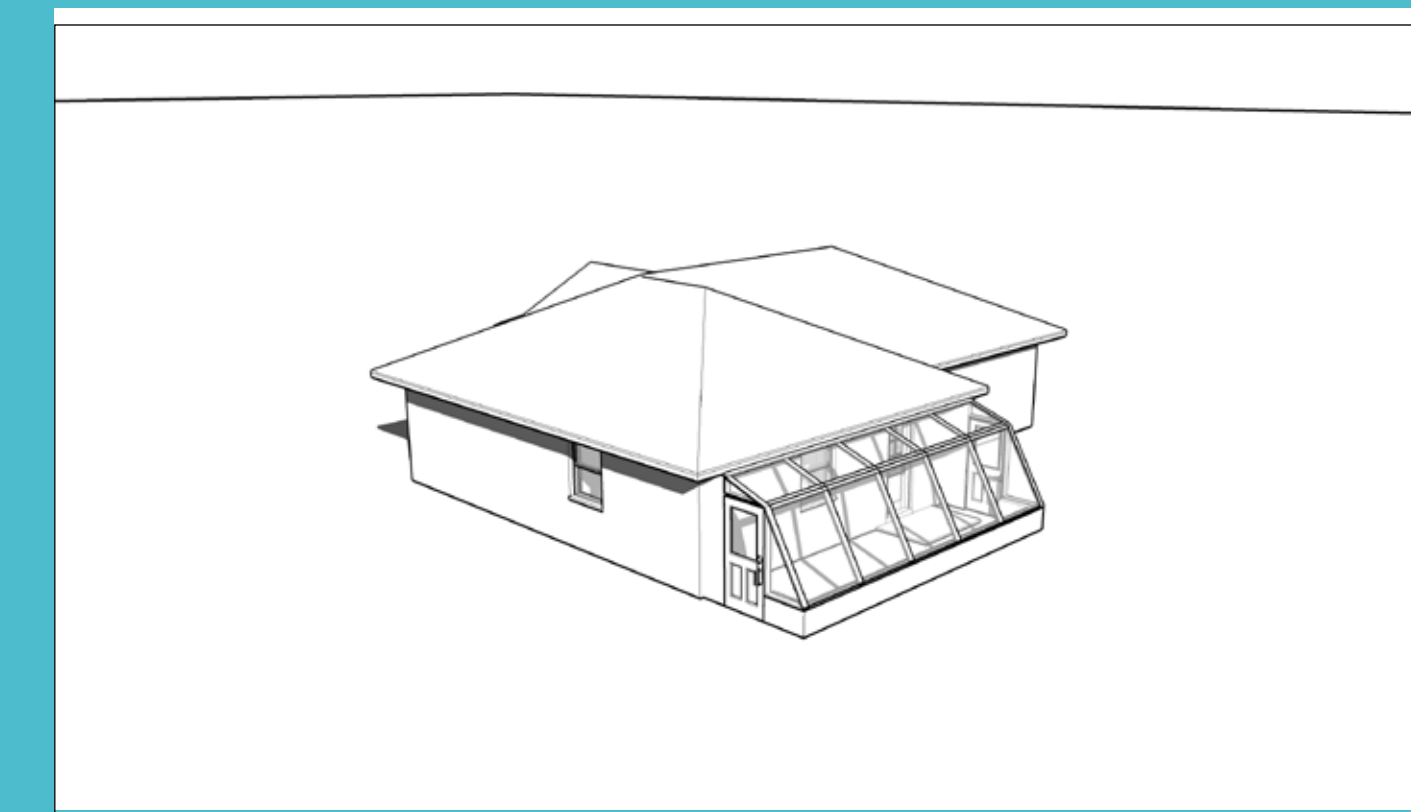
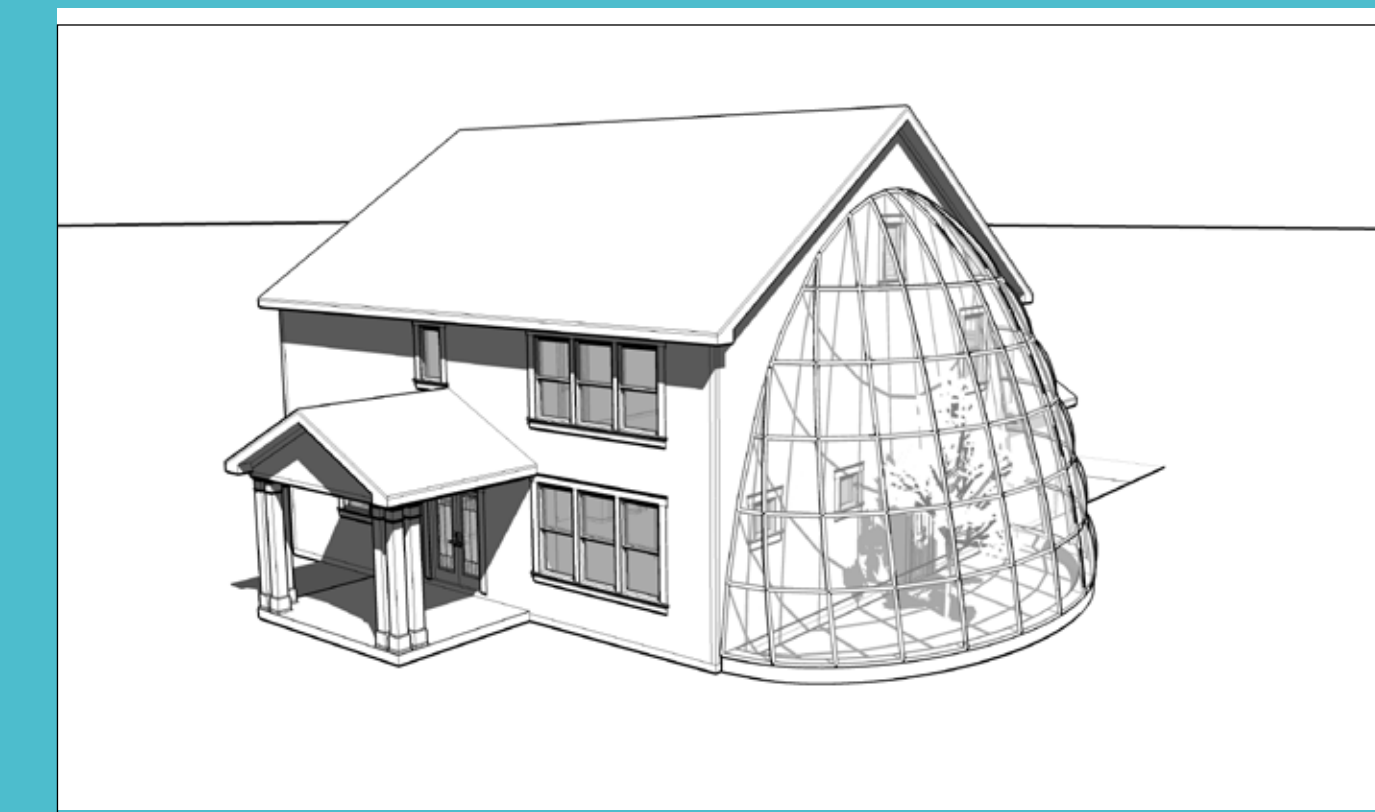


My inspiration in 1973
Mesa Verde Cliff Dwellings were
solar heated a millennium ago

Stephen "Steve" Kenin, President
Taos Solar Resources, Inc.
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The Future: 2030 is hurtling toward us!

The passive Solar Bubble® collector, when mounted on a sunny wall or roof captures the solar heat and circulates it inside. One's fuel bill unveils the CO2 reduction: The smaller the fuel bill, the smaller one's carbon footprint. There are so few ways that one can directly kill carbon.



Data from LANL's.

Dr. "Buck" Rogers who ran our test facility.

This bubble collector, 8'x30' = 240ft.² was DOE supported testing- 11/20/76.

- **232,560 BTU/day collected**
- **969 BTU/1ft.²/day**
- **170 lbs. total weight, structure and polyethylene glazing**
- **\$600 direct material costs**