

Las Vegas Audiovisual Presentation, Solar Decathlon 2017

<https://youtu.be/bn7Aa9WPYMo>

Text version:

Life begins when you start living passionately.

We designed a home that helps you do that by embracing every moment, simplifying your life, and giving you freedom.

Sinatra Living is an energy-efficient and health-conscious home for active aging citizens of Las Vegas and beyond.

With our design, we can mitigate the psychological and physiological issues associated with aging.

Sinatra Living was inspired by the design of mid-century homes in Las Vegas.

Our outdoor, social, and private spaces are combined by three adjacent modules.

We've made the transition between indoors and outdoors seamless.

The outdoor module's spacious deck faces south, and is perfect for meditation, exercise, gardening, and lounging.

Inside, our social module includes a linear kitchen layout and an open living space.

The private module includes a flex space for post-occupational work, a bathroom that is wheelchair accessible, and a bedroom with diffused daylighting.

Architectural finishes are simple, authentic, and durable for the Las Vegas climate.

Our interior finishes offer a low cost solution for a simple and timeless look.

All irrigation needs are met through rainwater, ac condensate, and filtered greywater from the bathroom and washing machine.

24 mono-crystalline PV panels generate nearly 7 kilowatts of power to meet the home's electrical loads.

Excess power is stored on a Tesla battery.

We can use stored energy during power outages, or when electricity is most expensive.

Our modular mechanical room can integrate into any home, and support year round solar thermal production. Sinatra Living uses it for hot water and radiant heating.

Food preparation is a breeze with our full featured kitchen.

The kitchen is equipped with compact Energy Star appliances.

A barrier-free adjustable counter-top allows for a comfortable meal prep.

You're one tap away from controlling everything in your home, even if you're away. Just ask Amazon Alexa to do it for you, or use our app.

Our home automation hub puts your home on autopilot. The home can notify you of predicted energy usage and automate shading and lighting through the day.

We simplify life with home automation and accessible spaces. We design for freedom and independence.

Sinatra Living— helping you live passionately.