



*PechaKucha*

# **The Journey to Leading Force**

**Steve Weise**

**Leading Force Energy and Design Center**



# It all started with a group of experts





Become a name and find a space



# David & Mary Huycke



An adventurous couple



# Gave us an opportunity to build A Net zero Energy home



Net zero equals  
365 days of energy for zero cost

WASHINGTON STATE  
PRODUCTION METER



AURORA



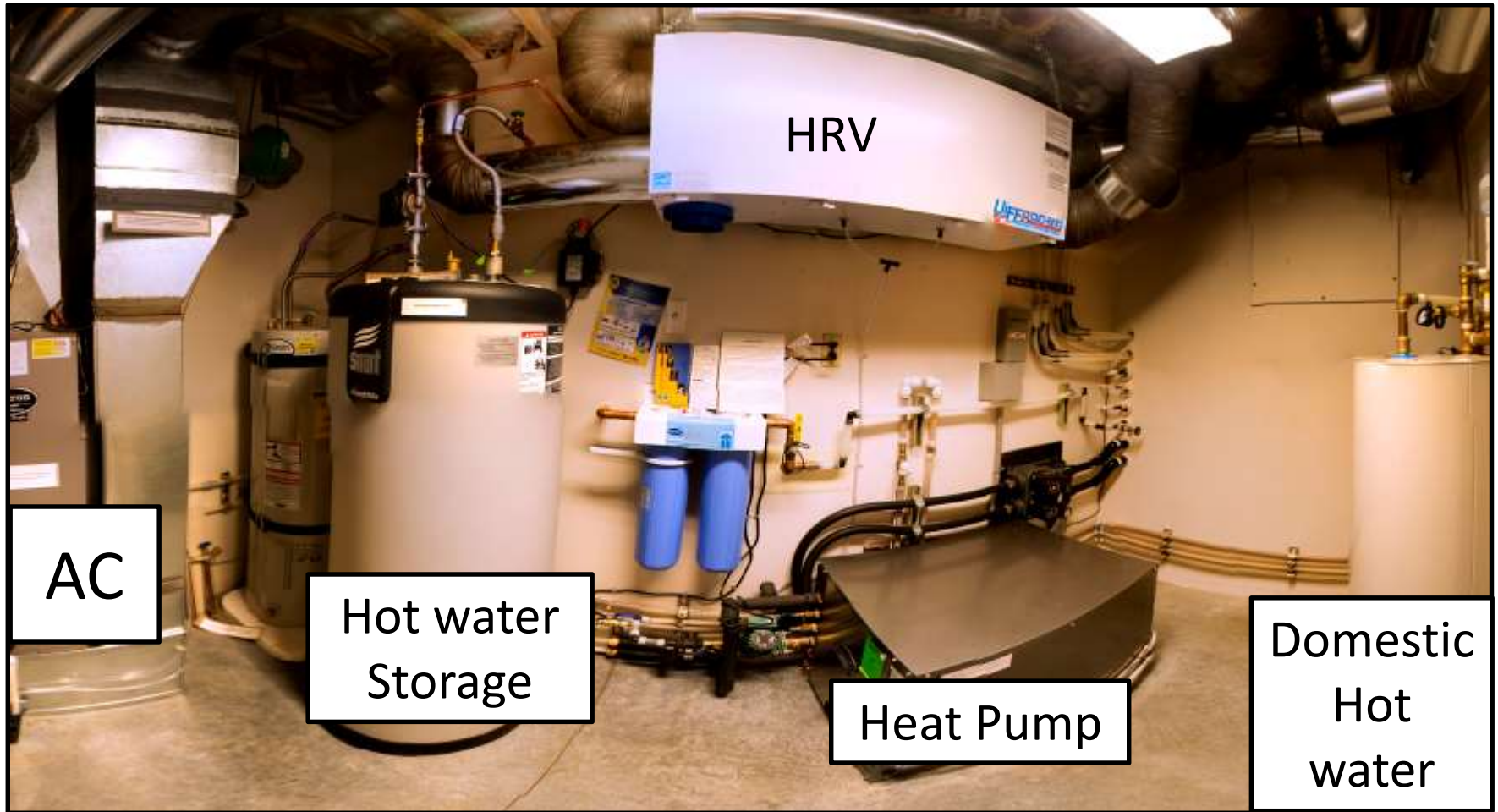


Rain water is distributed over the top of 2000+ feet of geothermal loop field pipe



Saturating the loop field increases efficiency of the system by up to 30%

Solar provides all the power for the geothermal heat pump. As well as for, domestic hot water...



...air conditioning, lighting, cooking...everything...





Picture frame

## ***Superior Wall Systems***



S  
i  
p  
s



Continuous Insulation (CI) panel



Double Wall with picture frame

# Amazing Glazing

Helped create  
the super tight  
envelope.

A blower door  
test score:

.6 ACH @  
50 pasquel!!



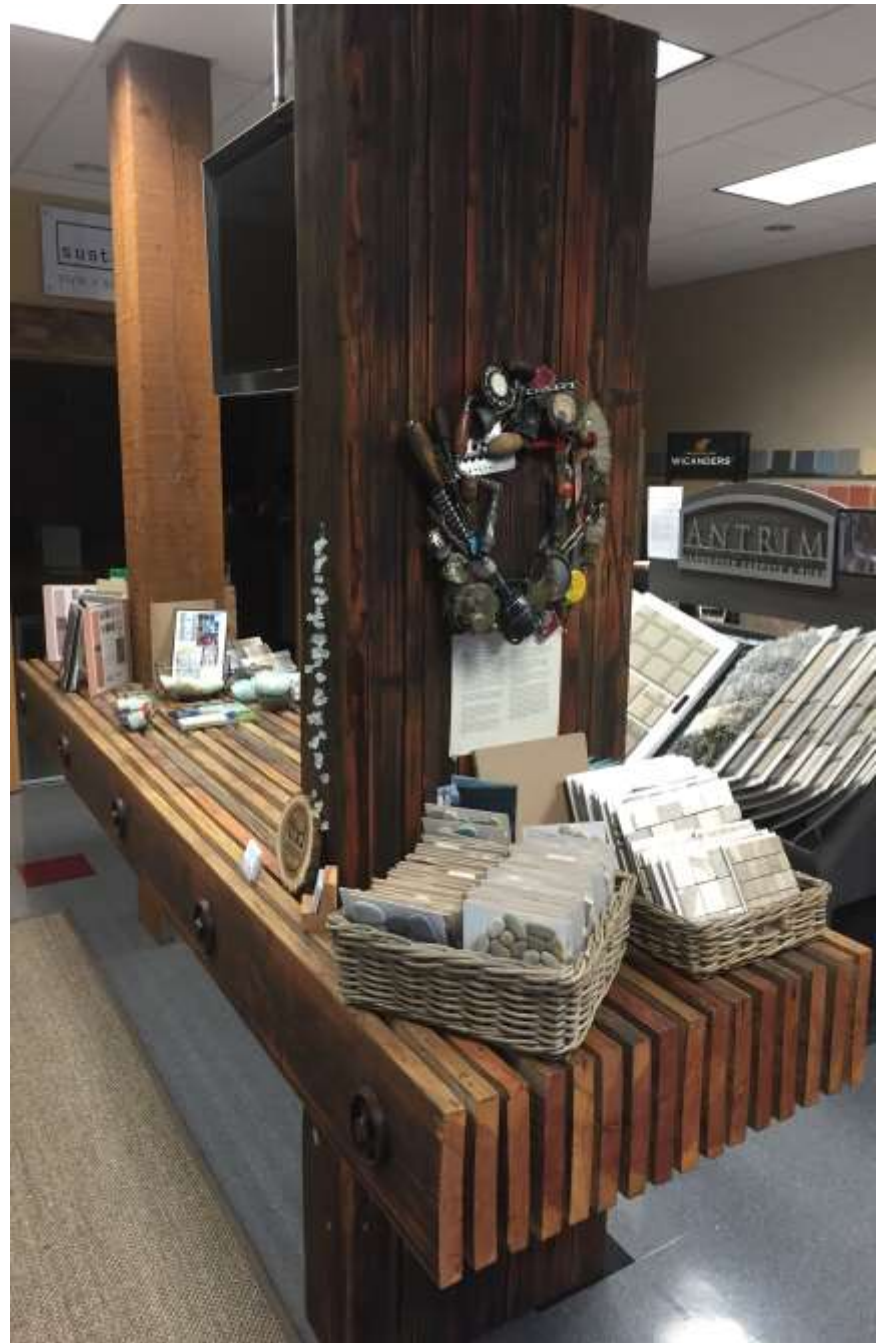
# Repurposing an old apple bin shed





# Reuse, recycle & repurpose













# Modern rustic interior





# Let there be light / An Open floor plan





# American Clay being troweled on the wall



A Natural Earthen Product









