



south elevation



- Frugality
- Independence
- Craftsmanship
- Health

#### Frugality – Saving Money



## Traditional



#### **Frugality – Saving Money**







Traditional

Net Zero

#### **Over \$650/month savings in utility bill**





# The Net Zero investment generates **\$143/month**

#### Frugality – Saving Resources





#### Efficiency of On Site Energy





#### Independence









### **EV Ready**

#### Craftsmanship













#### Healthy Environment





Graphic adapted from NK Architects



### How do we do it?





### **Steps to Net-Zero**



TEP 3	
·	• ƏENPHASE.

**Micro** 

Grid

#### **Initial Site Layout**





#### **After Solar Load Optimization**





### Energy Modeling









### Does it work for **Apartments**?





# Efficient High Quality Cost Effective

John Gargasz Elkridge Construction/ Aspire Residential

John.Gargasz@aspireres.co