

# RETZERO ENERGY SUMMIT

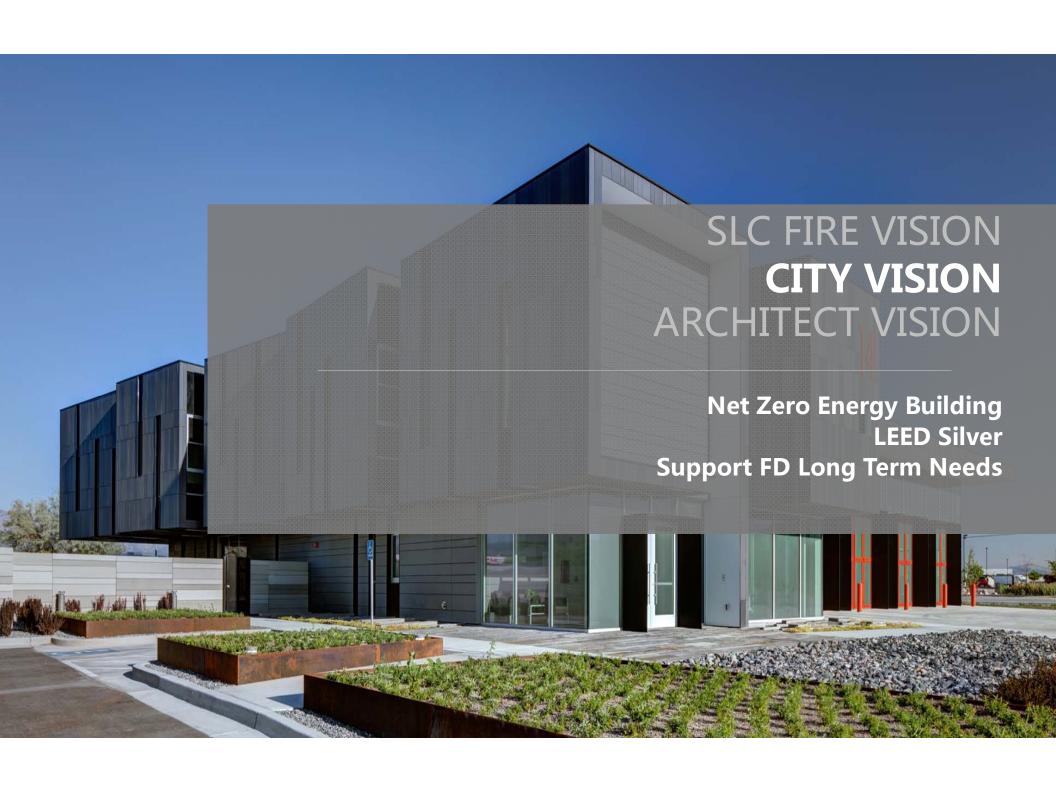
PARTINERS









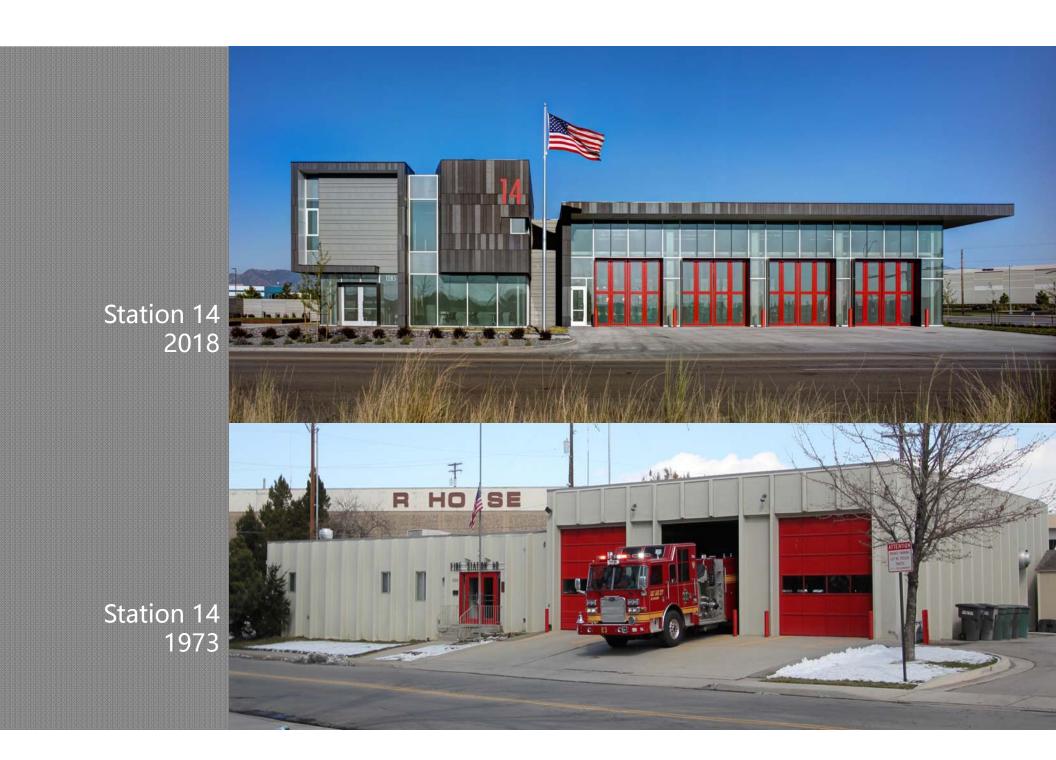


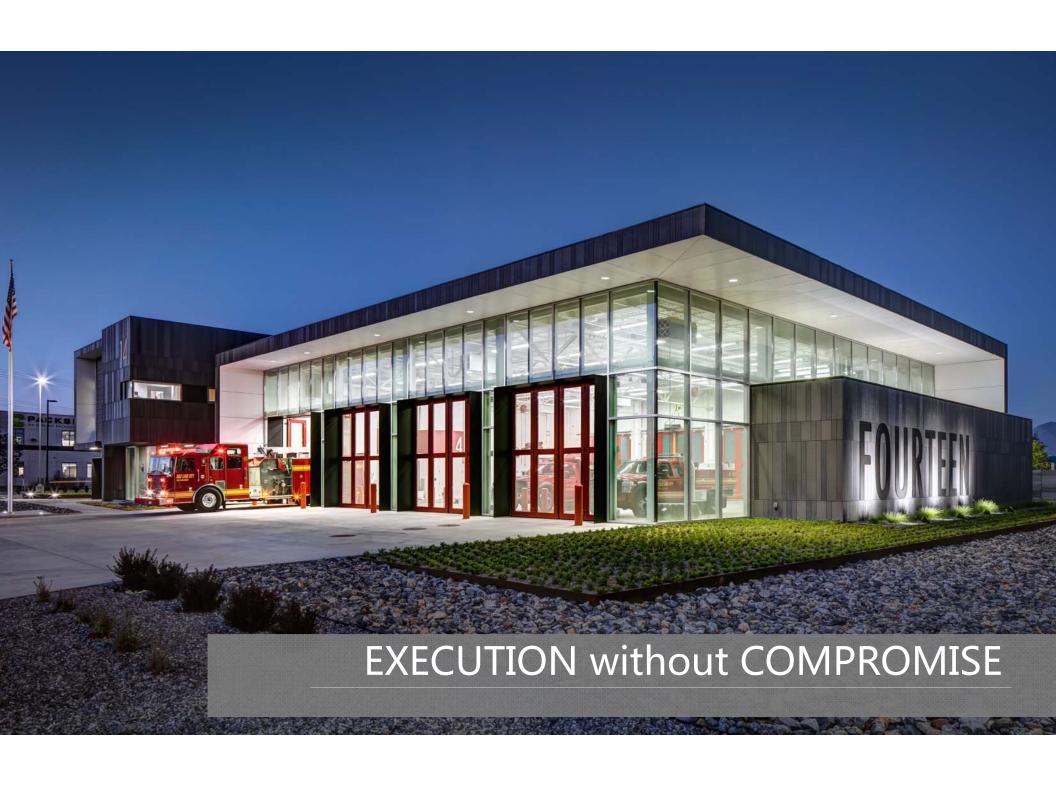


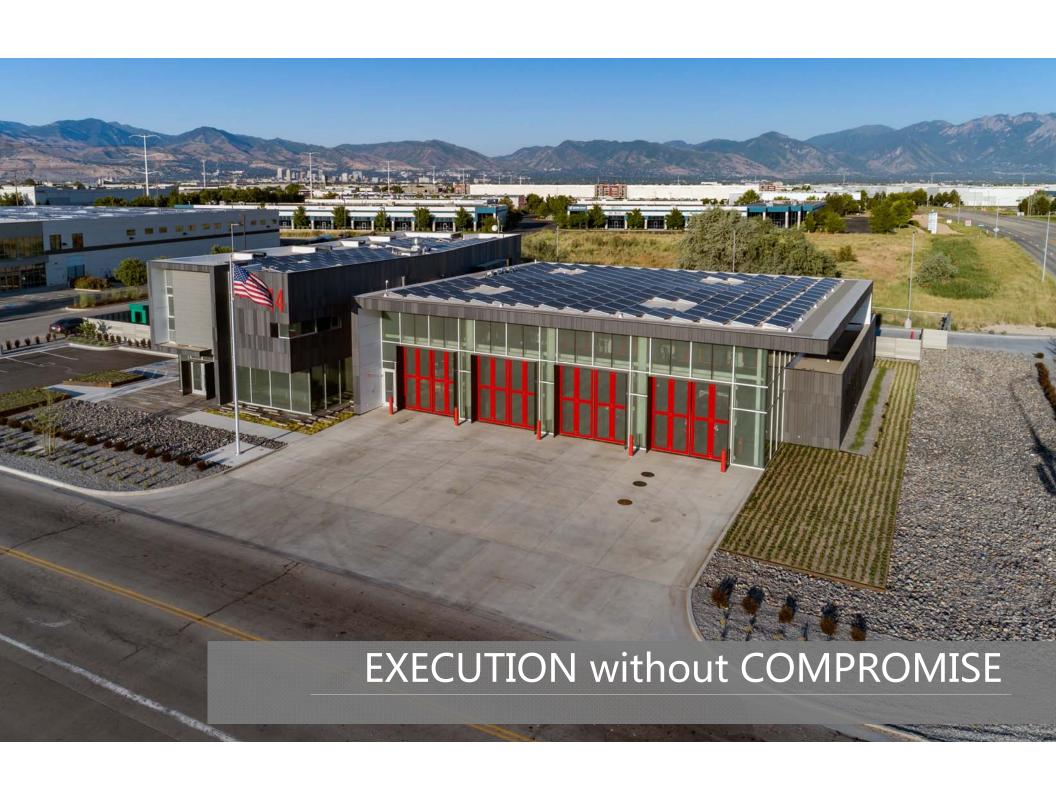


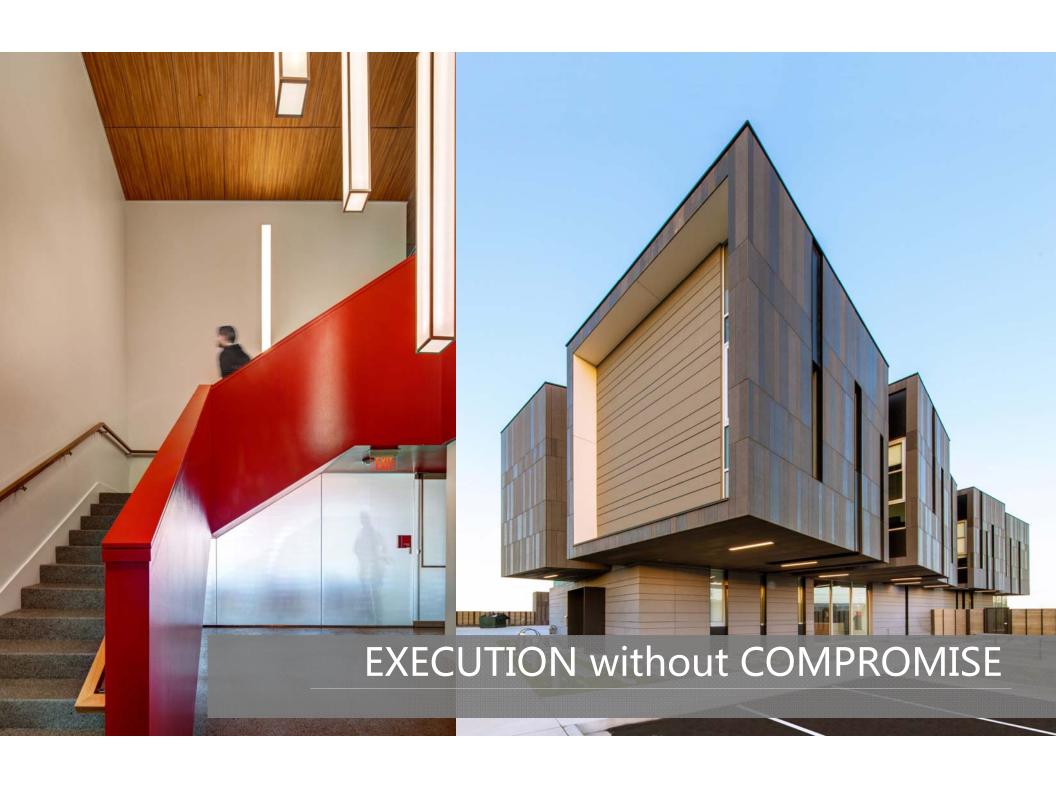


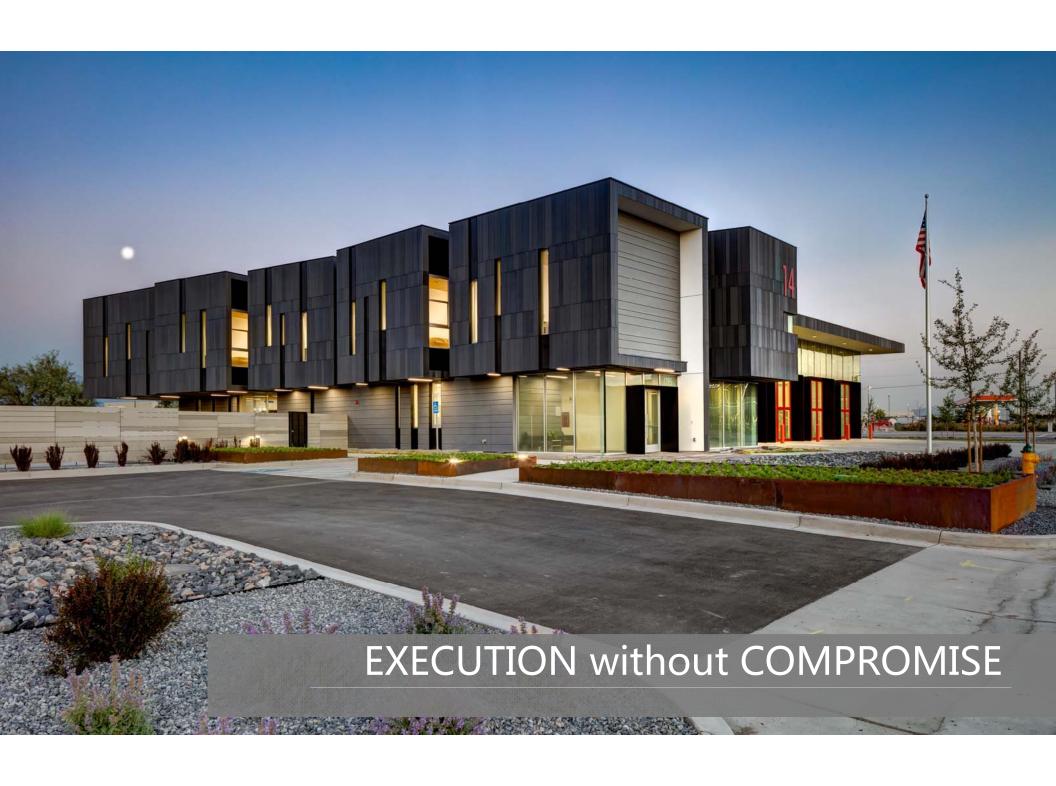




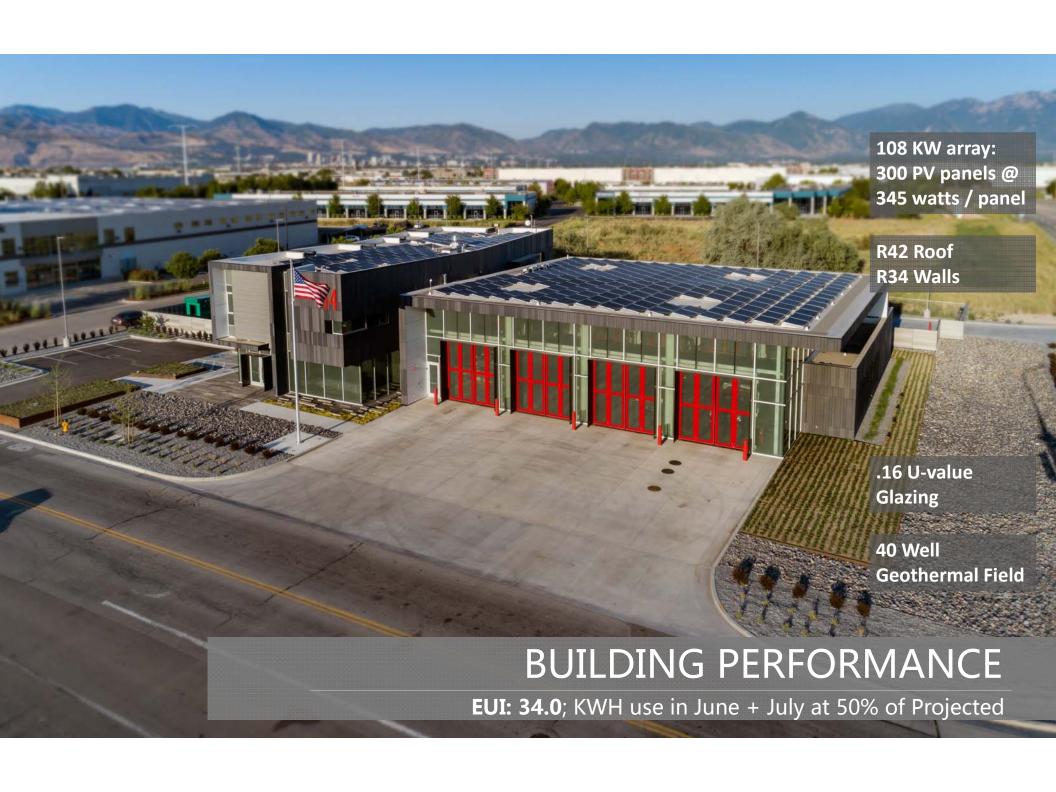






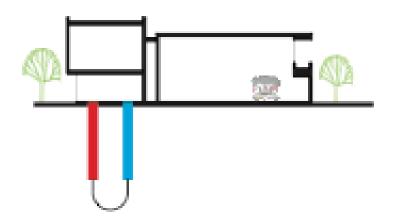


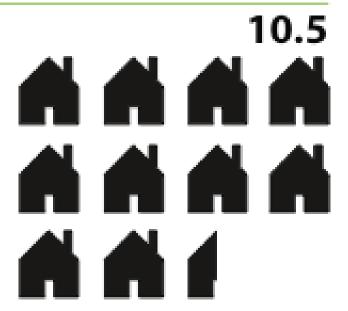




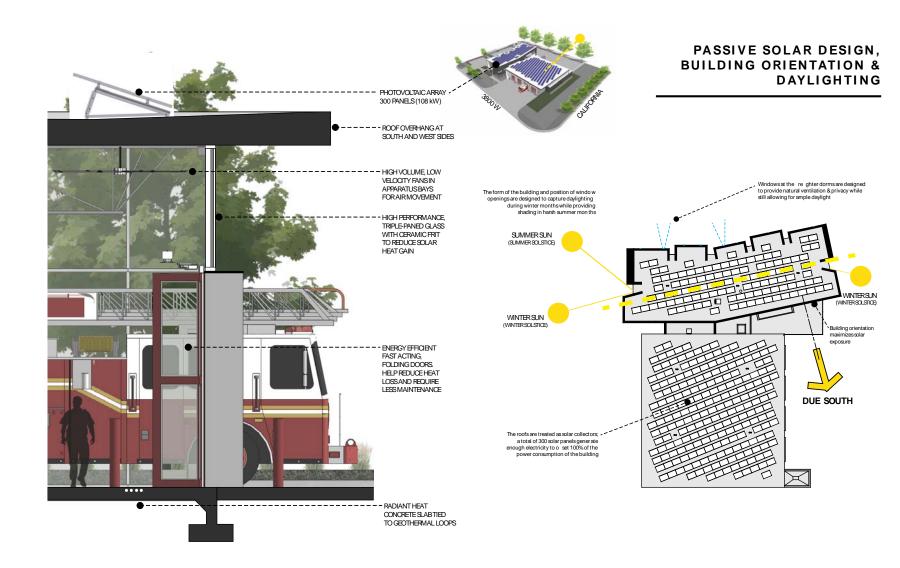
#### Geothermal Heating & Cooling:.

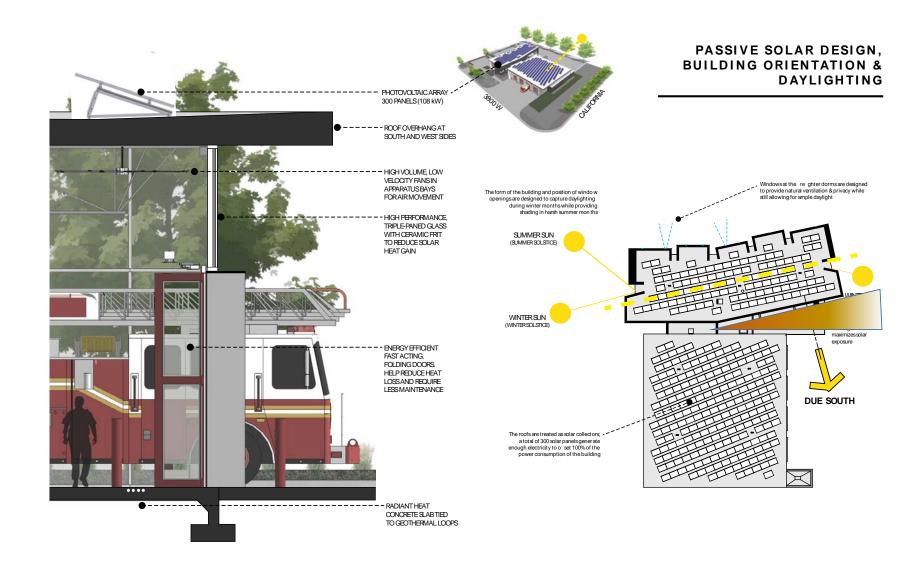
SLC Fire Station 14 utilizes a geothermal heating & cooling system which makes use of the earth's ambient temperature to heat and cool the building. (40) vertical bores extend 300' down into the earth.





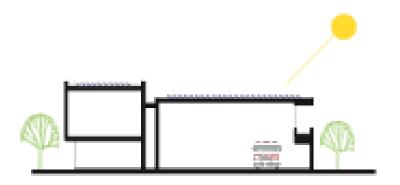
Equivalent number of homes that could be heated by the station's geothermal system<sup>2</sup>

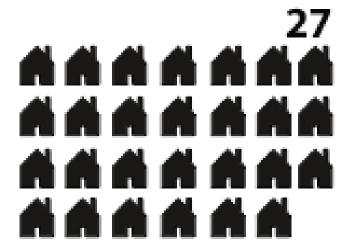




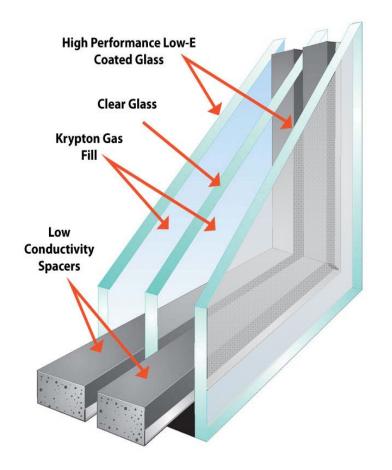
#### Photovoltaic Energy:

The solar panel array mounted on the roof of SLC Fire Station 14 contains 300 panels which generate 108,000 watts of power at any point in time.



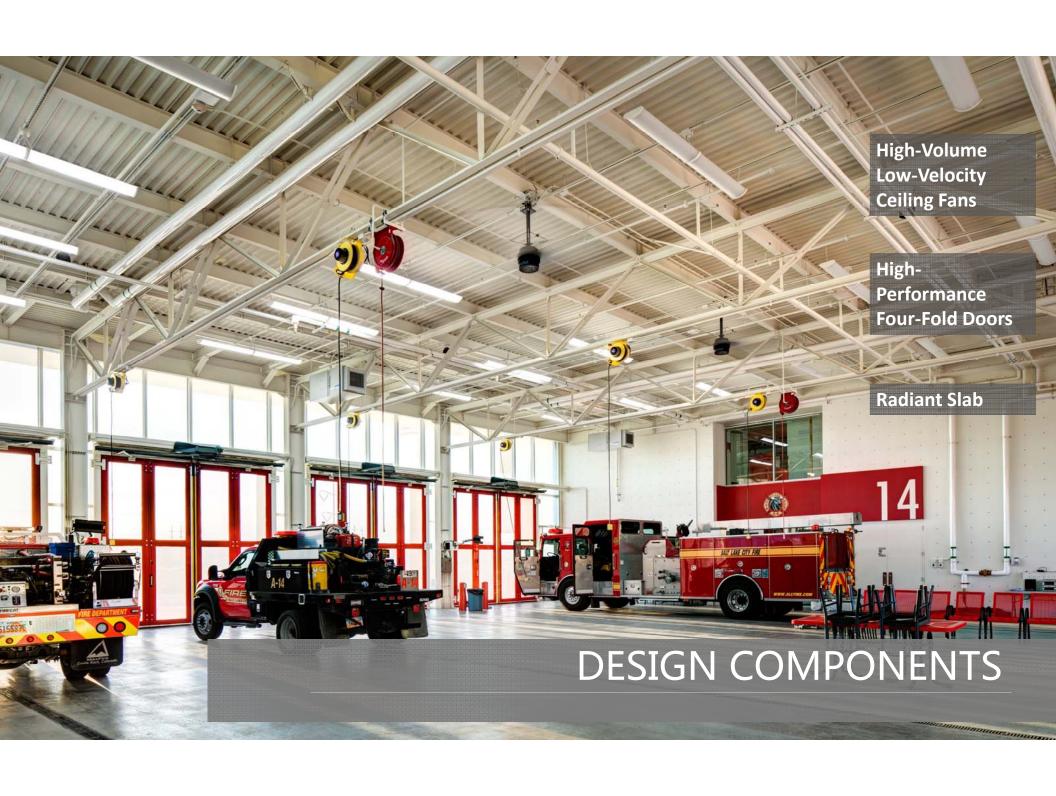


The power generated by the solar panel array is equivalent to the power needed to supply (27)SLC homes annually <sup>4</sup>



# High-Performance Glazing System:

- .16 U-Value
- Triple-Pane
- Thermally Broken
- Argon Filled
- Ceramic Frit









**SAMSUNG** 475 kWh/yr

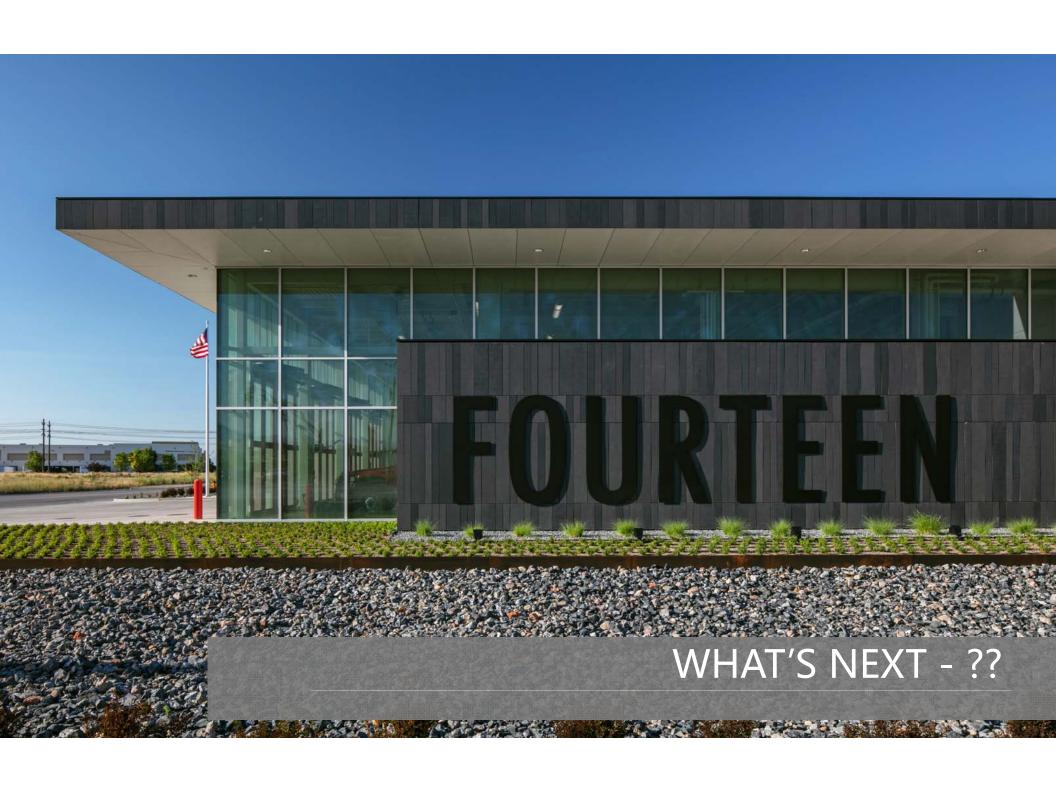


**GE** 725 kWh/yr



# DESIGN COMPONENTS

The Little Things: 792 kWh / year improvement



HOSE

Evening Tour: Station 03 2018

> Station 03 1973

