

SLC 3

FIRE STATION

APPARATUS BAYS: HEATING & COOLING

The apparatus bays of the Salt Lake City Fire Station 3 are **heated and cooled in innovative methods** that dramatically reduce the amount of energy required to heat and cool the apparatus bays.

Heating: The apparatus bays are heated by a radiant heat concrete slab that is tied to the geothermal loops onsite. The radiant heat concrete slab is composed of a **series of tubes that are installed in the slab** that circulate hot water through-out the entire apparatus bay utilizing the thermal mass of the 10" thick concrete slab to radiate heat to the space.

Cooling: LOOK UP and see the high volume, low velocity fans that cool the apparatus bays. **Air movement improves your body's natural cooling mechanisms**, keeping you happy, safe and productive. High volume, low velocity fans also use a fraction of the amount of energy that a traditional A/C system would require.

