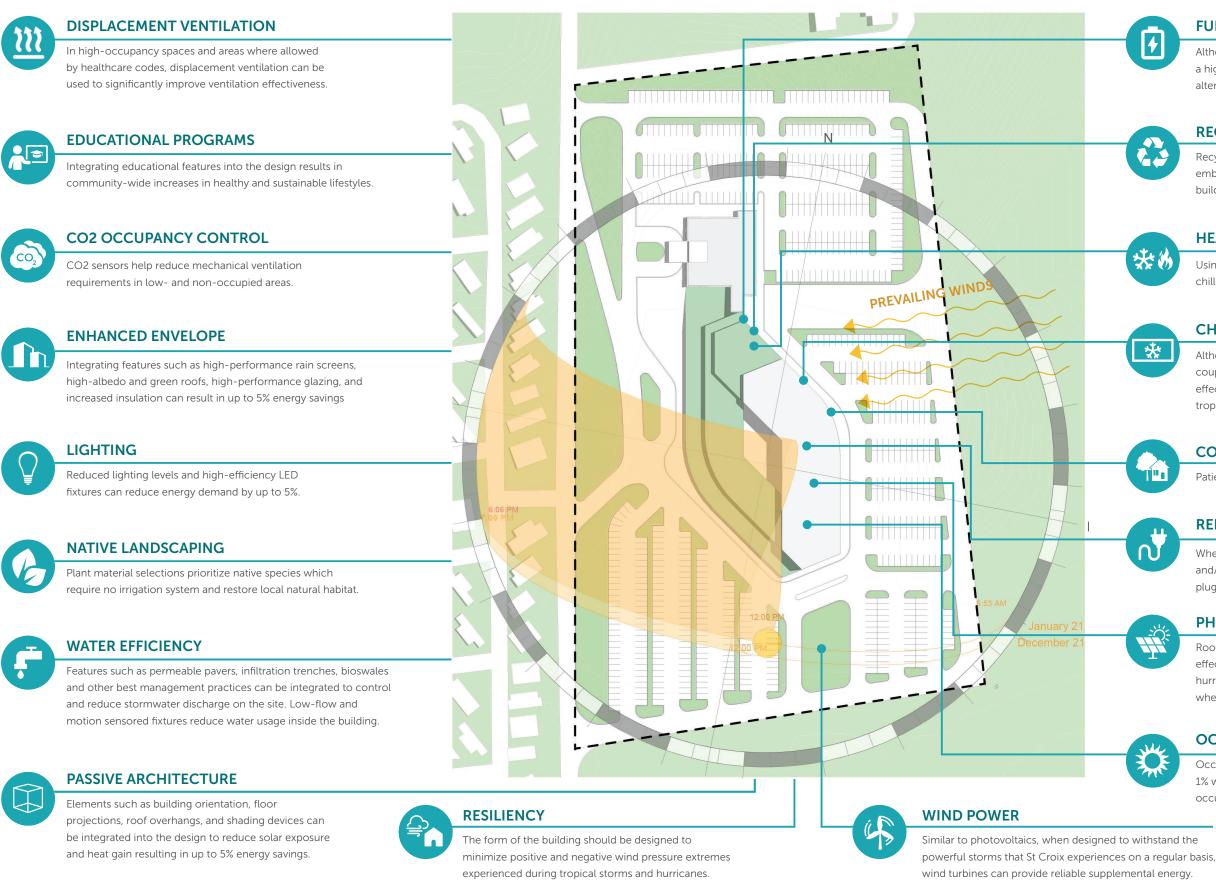
Sustainability Diagram



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FUEL CELLS

Although first costs are relatively high, fuel cells can provide a highly efficient, quiet, zero-emission, and low maintenance alternative for emergency power.

RECYCLING

Recycled and regional building materials can help reduce the buildings embodied energy while placing recycling centers throughout the building helps ensure ongoing environmental stewardship.

HEAT RECOVERY CHILLERS WITH NET METERING

Using condenser water for heating and reheating while using chilled within the building can result in up to 23% energy savings.

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CHILLED BEAMS

Although traditionally considered for moderate climates, when coupled with a dehumidification system, chilled beams can be an effective cooling strategy for hot and humid (tropical and subtropical) locations that can result in up to 10% energy savings.

CONNECTION TO NATURE

Patient Tower is oriented to maximize healing views of nature.

REDUCED PLUG LOADS

When coupled with and effective metering program, selecting efficient and/or Energy Star rated appliances, office equipment, and other plug-in equipment can significantly reduce electricity consumption.

PHOTOVOLTAICS

Rooftop and/or parking canopy photovoltaic panels can be an effective supplemental energy source. When designed to withstand hurricanes they can provide emergency power to critical systems when normal or other back-up systems are down.

OCCUPANCY AND DAYLIGHT SENSORS

Occupancy and daylighting sensors can reduce energy costs by 1% when used to reduce artificial lighting when spaces are not occupied or when natural daylighting is sufficient.