

Project Statement:

On the site east side of Marina Green an Urban Vertical Garden is proposed....focusing on sprouts and leafy greens. Several screen shots are shown. Sunspot cycles (see chart) indicate the sun is entering a Grand Solar Minimum 2020 through 2055. Growing food can be difficult during these periods.

On the site west side of Marina Green “Exploring Innovation Solutions” is proposed....looking at innovations past, present and future, in any area of human activity.

ClearLED transparent panels will be used to display kinetic and still images. For many examples see clearleddisplay.com.

In addition, electronic dimming of panels will be possible with a liquid crystal PDLC interlayer sandwiched between two sheets of glass.

Solar panels will be located on both rooftops. The total area available for this is 100,000 sq. feet. Reducing panel glare: scientists-discover-method-to-reduce-solar-panel-glare. See <https://www.renewableenergyworld.com>.

Battery storage will be provided by <https://www.essinc.com>.

A number of areas on innovation can be looked at at any time. Constant updates and curating to these areas would provide dynamic interest to keep things always freshly updated for constant repeat visits to the actual site. One possible site layout example is shown with pods of innovation interest surrounding several village green like squares. Restaurants with indoor / outdoor dining at the ends of the main space.