\textbf{Zero Net Energy buildings, or Net Zero, produce at least}

While the specific construction techniques at our house are just a
typical example, Net Zero buildings offer an opportunity to shape the future.

Witholding 40% of our society's energy consumption, we move beyond
carbon in other sectors besides buildings. Miami would be able to
build in a way that conserves energy toward the goal of pow-
nering our built environment completely with renewable energy.

A great example is the Solarsiedlung development in Freiburg,
which in turn reduces our water and energy footprints.

I want to emphasize that sustainability is not a style, nor a look.
In the 28% of carbon emissions that come from transportation.

Of course, a truly Net Zero metropolis would need to move be-
to waste management in order to completely eliminate our car-
driving. And we would need to re-examine everything from agriculture

The two proposed nuclear reactors at Turkey Point, and at a fraction of the cost. Combined with roof-
Top installations on smaller buildings (like Tin Box) these arrays
replace the output from the two proposed nuclear reactors at
industrial and commercial buildings around the airport could

And it's not just stadiums. In South Florida, the vast expanses
like office towers – that can't easily be made Net Zero. Over the
course of a year, the football stadium in Philadelphia generates
four times the power used during games, thus offsetting a con-
eraction by buildings is good, but we also need to address the huge

When we replaced the entire roof of our house with flexible,
voltaic array on the uppermost roof. This roof faces due south
Having reduced the energy load through conservation, we are
able to fill the house with daylight (eliminating the need for
or turned to the north in order to admit cool, indirect light. This

Our friends took to calling the house "Tin Box" after the blog we
build in a way that conserves energy toward the goal of pow-
nering our built environment completely with renewable energy.

Buildings built according to the Living Building standard gener-
lenge requires Net Zero in both energy and water consumption.

\textbf{Photo: Dana Hoff.}

\textbf{Photos: Dana Hoff.}

\textbf{Montage: Raymond Elman.}

\textbf{Inspicio}

\textbf{architecture}

\textbf{Page dimensions: 558.4x10000.0}