1890 - ????
Reach for the sky. Art Deco.
Something of the future.
Invention of safe elevator - Elisha Otis – 1851. Birth of skyscraper.

Louis Sullivan architect – 1891 - Wainwright Building, red brick office building, Missouri. “Form Follows Function”.

Antoni Gaudí architect - Sagrada Família in Barcelona started in 1884.
Design using models - the catenary arch. Casa Milà, 1912

Art Deco movement post WW1 – sleek, streamlined.

Iconic lantern – design and commercialism.
The Rockefeller Centre by Raymond Hood architect, New York City.
Applied Art Deco design – mural by Diego Rivera.

Utopian design for everyone – purity of aesthetics and function.

Reinforced concrete.


Habitat 1967 – Montreal, Moshe Safdie. Industrialized construction.

The 3 great pioneers of modern architecture –

1st - Frank Lloyd Wright – Robie House, Chicago - Prairie style.


**Norman Foster**, British architect - “**The Gherkin**”, London –

**Something of the Future**

Algorithms in design – Biomedical buildings – Exotic new geometry.

Art Tower Mito arts complex in Mito, Japan. Arata Isozaki architect.

**The Sky Mile Tower**, one mile high Tokyo, Japan, 400 storeys. To be built 2040 - Kohn Pedersen Fox Associates of New York City.

Grow it where you eat it – the next agricultural revolution.

Antartica – the most prestigious location.

Futuristic home - “**California Roll House**”. Korean designer and architect, Christopher Daniel.

3D printed onsite construction production.

No more tower cranes.

**Stonehenge and Sydney Opera House, joined at the hip.**
ACKNOWLEDGMENTS

> Natalie Stern  > Raymond Stern can be contacted at
> David Rostenne          rstern@quex.ca