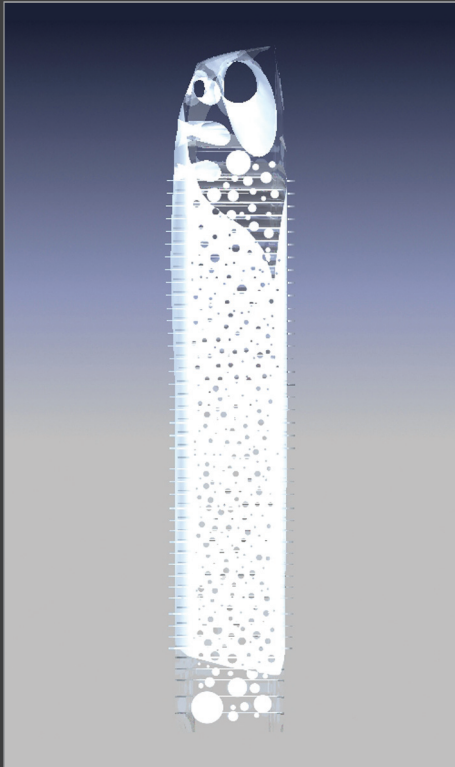


2007 International Architectural Competition Finalist

Sustainable *Residential Tower Design*

Architecture and Design of Joseph C. Loh



Mr. Loh is the lead design architect for an international building design competition for a prototype residential tower in the UAE. This innovative design was the result of close collaboration with YWA of Toronto; Halcrow Yolles; Smith and Andersen; RWDI, all based in Canada. The solution is focused on active wind and passive solar technologies combined with internal/external airflow dynamics and energy modeling to provide a highly sustainable tower prototype. The design has been chosen as one of top three finalists for this prestigious international architectural design competition.

Ten world-renowned teams included Nikken Sekkei of Japan, and prominent US based firms including Oppenheim, Yamasaki, Fox Fowler, Smith+Gill Architects competed for the project. The announcements of the finalists come after two months of intense design and technical evaluation by a jury of architects, engineers, academics and development professionals.

The imaginative design of the ecological masterplan place our team at the forefront of sustainable tower design worldwide. The underlying design principles assimilated traditional technique of a 'wind catcher' tower incorporating leading edge technologies and to artfully combine culture, science and architectonic expression.

The tower prototype promotes global technology and environmental awareness. At approximately 200 meters tall and the design carefully situated in response to comprehensive climatic and site-specific ecological considerations, each tower is an expression of the processes, values, technology and the shape of things to come.