SKYSCRAPERS

A skyscraper is built as a result of a collaboration between engineers, architects, developers, economists and marketers. Experts from several different field bring together their expertise to form buildings such as skyscrapers. A host of knowledge, planning and organizing is needed to build skyscrapers. The most prominent aspect of skyscrapers are their impressive exteriors, dominating the sky lines. Looking past the beautiful glass and shiny displays, skyscrapers are feats of architectural engineering. These buildings are fascinating in the fact that they often even sway in the wind. However, they are built to stay up and withstand strong winds that threatens the safety of the occupants.

The fundamental design of a skyscraper consists of various utilities, accessibility, safety features, strong resistance and consistent strength in the face of emergencies and natural disasters. In addition, they must also be convenient and accessible, meeting the needs of the occupants.

The construction and design process is impressive in itself, it starts with the substructure, or the section of the skyscraper that is below the ground. This will do its part in supporting the building above and creating a stable foundation. The substructure is what comes next, panels of materials such as glass, stone and metal enclose the building's walls and framework. The interior is the last portion, with several utilities to cater to the needs of the user, in addition to interior design that heightens the elegance and beauty of the skyscraper.

These components demonstrate that skyscrapers are composed of excellent design and detail. A combination of several specialists work together with structural principles and framework to create a masterpiece of architectural design that positively impacts others.

Skyscrapers show outstanding design; even though they were built simply to maximize space, the invention of skyscrapers had a powerful impact on society and completely revolutionized the direction of art, culture and business.