**Minoru Yamasaki**

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Minoru Yamasaki (December 1, 1912 – February 7, 1986) has the uncommon distinction of being most well known for how his buildings were destroyed. His twin towers at the [World Trade Center in New York](http://www.archdaily.com/504682/ad-classics-world-trade-center-minoru-yamasaki-associates-emery-roth-and-sons) collapsed in the terrorist attacks of September 11th, 2001, and his [Pruitt-Igoe complex in St. Louis, Missouri](https://www.archdaily.com/870685/ad-classics-pruitt-igoe-housing-project-minoru-yamasaki-st-louis-usa-modernism), demolished less than 20 years after its completion, came to symbolize the failure of public housing and urban renewal in the United States. But beyond those infamous cases, Yamasaki enjoyed a long and prolific career, and was considered one of the masters of “[New Formalism](https://en.wikipedia.org/wiki/New_Formalism_%28architecture%29?utm_medium=website&utm_source=archdaily.com),” infusing modern buildings with classical proportions and sumptuous materials.



Born in Seattle, Washington to Japanese immigrant parents, Yamasaki enrolled in the University of Washington’s architecture program in 1929. Working in a salmon cannery to pay his tuition, he graduated with a Bachelor's in Architecture in 1934. After completing a master’s degree at New York University, Yamasaki went to work for the firm of Shreve, Lamb & Harmon, designers of the [Empire State Building](http://www.archdaily.com/tag/empire-state-building). In 1945, Yamasaki took a job with the [Detroit](https://www.archdaily.com/tag/detroit), Michigan firm Smith, Hinchman & Grylls (now [SmithGroup JJR](http://www.archdaily.com/office/smithgroup-jjr)), where he worked until starting [his own firm](http://www.archdaily.com/office/minoru-yamasaki-associates) in 1949.

The 33-building Pruitt-Igoe housing complex, completed in 1954, was one of Yamasaki’s first independent commissions, and although it was almost immediately beset with problems, the scale and complexity of the project prepared him for the many prominent commissions that would follow. Cost cutting during the design process, a lack of maintenance, and changes in public housing policy quickly led to the downfall of Pruitt-Igoe, and all 33-buildings were imploded between 1972 and 1976. Although the complex is frequently cited as an example of the failures of public housing, and of Modernist architecture, [recent analysis has taken a more nuanced approach](http://www.archdaily.com/153704/the-pruitt-igoe-myth-an-urban-history).

Subsequent commissions included several airports and a wide range of office buildings, which eventually led to Yamasaki’s selection to design the World Trade Center in 1962. The Port Authority of New York and New Jersey had requested 10,000,000 square feet of office space on the site, necessitating the twin 110-story towers. To conserve space that would have otherwise been occupied by elevator shafts, Yamasaki and the buildings' engineers conceived of the concept of “sky lobbies,” inspired by the local-express system used on some [New York City](https://www.archdaily.com/tag/new-york-city) subway lines, where office workers could transfer from high capacity express elevators to local elevators that served each floor.

In addition, Yamasaki designed many prominent buildings in cities around the United States, and the world. These include Lambert-Saint Louis International Airport terminal, Dhahran International Airport in Saudi Arabia, the Federal Reserve Bank tower in Richmond, Virginia, One M&T Plaza in Buffalo, New York, and the Century Plaza Towers in Los Angeles. Recently, [preservationists came to an agreement with developers to prevent the demolition of the Century Plaza Hotel](http://articles.latimes.com/2010/feb/11/local/la-me-centuryplaza11-2010feb11?utm_medium=website&utm_source=archdaily.com) in Los Angeles, ensuring that it did not meet the same fate as some of Yamasaki’s other works.

**Yamasaki’s works in Japan**

Yamasaki has designed a few buildings in Japan.

 In 1954 he designed the former Consulate general of the United States in Osaka-Kobe in Sannomiya which seems to have been demolished after the Consulate was moved to Osaka.

 He designed Sheraton Miyako Hotel Tokyo which was built in 1979.



 Another remarkable building deigned by Yamasaki is The Founders Hall for Shumei in Shiga prefecture in 1983, which was constructed in the mountains of Shigaraki.

**Yamasaki’s philosophy in designing**

According to Yamasaki, buildings should produce an atmosphere in which people can enjoy living and working, and also inspire those who use them with love, elegance, joy, peacefulness, beauty, and hope.

As an example of his philosophy, these are some of what he had in mind when he designed the Shumei’s Founders Hall:

・To express up-to-date modernity as well as the beauty inherent in Japan’s tradition.

・To inspire and impress those who see it.

・to make sure there are no element in the design that would ruin the beauty of the landscape.

・For the above to become reality, we must realize our first inspiration will not necessary result in the final design. Rather, the initial idea will most likely develop into the best idea as a result of continuing research.

Many architects put their first inspiration immediately into a plan, and then try to sell it to the clients, claiming that the design is the best of many ideas they have had. Yamasaki was different. He developed a scale model of his first impression. Then he went on to create one scale model after another, experimenting, adapting, and improving the design while correcting the problems he encountered in the process until he came up with the perfect design of the hall.

The Hall resembling the shape of Mt Fuji, with the structure of sixty meters in width, ninety meters in length, and fifty meters in height, is supported, amazingly, by just four curved buttresses. This unprecedented structure was realized with the aid of his engineering partner, Yoshikatsu Tsuboi(1907-1990), a leading authority on structural dynamics. The Hall stands as a symbol of peace, happiness, and well-being for all mankind, which unlike his previous works, we hope will last for centuries.

