

<https://architectuul.com/architecture/chrysler-building>

Van Alen obtained permission for a 38-meter (125 ft) long spire and had it secretly constructed inside the frame of the building	
	After construction, it was delivered to the site in four different sections.
	The final remaining sections of the spire were hoisted and riveted to the first one in sequential order in just 90 minutes.
	On October 23, 1929, the bottom section of the spire was hoisted onto the top of the building's dome
	It was secretly constructed inside the frame of the building.
Upon completion, May 20, 1930, the added height of the spire allowed the Chrysler Building to surpass 40 Wall Street as the tallest building in the world and the Eiffel Tower as the tallest structure.	

The Chrysler Building is considered a leading example of Art Deco architecture. The corners of the 61st floor are graced with eagles; on the 31st floor, the corner ornamentation are replicas of the 1929 Chrysler radiator caps. In total, the building currently contains 3,862 windows on its facade and 4 banks of 8 elevators designed by the Otis Elevator Corporation. The building was declared a National Historic Landmark in 1976.

The Chrysler Building is also renowned and recognized for its terraced crown. Composed of seven radiating terraced arches,  Van Alen's design of the crown is a **cruciform groin vault**  constructed into seven  concentric members with transitioning **setbacks**,  mounted up one behind another. The stainless-steel **cladding** is  **ribbed and riveted**  in a  radiating sunburst  pattern with many triangular **vaulted**  windows, transitioning into smaller segments of the seven narrow setbacks of the facade of the terraced crown. The entire crown **is clad** with silvery "Enduro KA-2" metal, an **austenitic**  stainless steel developed in Germany by Krupp and  marketed under the trade name "Nirosta" (a German acronym for nichtrostender Stahl, meaning "non-rusting steel").

As part of the competition at the time to build the tallest building in New York, Van Alen obtained permission for a 38-meter (125 ft) long spire and had it secretly constructed inside the frame of the building. The spire **was part and parcel of the building.**  It was delivered to the site in four different sections. On  October 23, 1929, the bottom section of the spire was hoisted onto the top of the building's dome and lowered into the 66th floor of the building. The other remaining sections of the spire were hoisted and riveted to the first one in sequential order in just 90 minutes.

Secured using slender rods	Intersecting barrel vaults	Covering or plating	Staggered or stepped level
An integral part	simple	Interlaced or criss-crossed	Cross shaped

Grammar:

- 1) What is the prevalent grammatical structure you see in the text: the active voice or the passive voice? Why do you suppose they made this choice?