01. Building for strength starts with a strong foundation.
The foundation consists of 24-inch diameter auger-cast piles anchored to reinforced concrete pile caps. The piles extend 55 feet into the ground and can hold 400 tons in compression.

02. Built to withstand high winds.
Reinforced concrete core walls resist high winds. Additionally, concrete outrigger and belt walls link the core to the exterior columns, increasing the lateral stiffness of the tower.

03. Stronger walls to keep occupants safe.
Concrete strengths for the building walls and columns range from 4,000 psi in the upper floors to 8,000 psi for the lower floors. The floor slabs use 6,000-psi concrete.

04. Why concrete?
Concrete was chosen because of its economic benefits, speed and ease of use, superior vibration control and fire-resistant properties. And its ability to make the building look really beautiful.

SAFETY MEETS STYLE IN SOUTH BEACH.
Inspiring, understated, and elegant. With simple and sophisticated lines and sculptural form, the Brickell Arch, formerly known as Espirito Santo Plaza, is a gleaming example of Miami’s future. In addition to breathtaking ocean views, the mixed-use property includes office space, the Conrad Hotel, and luxury residences. The tower’s concave façade features a dramatic arch, a nod to Miami’s position as “the Gateway to Latin America.”