

## Project Profile

### OSHA Compliance With Aesthetic Solution

#### The Challenge

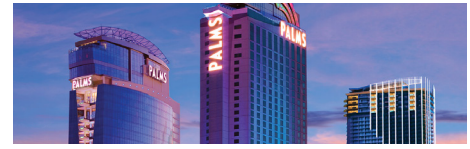
The Palms Casino, a premier hotel and entertainment destination near the Las Vegas Strip, features extensive glass surfaces and intricate architectural designs that require regular maintenance and cleaning. The primary challenge was providing a safe suspended access system for window cleaners without interfering with a public patio where guests frequently gathered. Additionally, the tall decorative glass guardrail along the perimeter of the roof complicated the rigging of suspension lines. The client also required an aesthetically discreet solution, ensuring that safety equipment would not be visible from the public areas.

#### The Solution

In order to provide solutions for the client, Diversified Fall Protection designed and installed removable wall anchors that were seamlessly concealed within the existing structure. Additionally, a custom-pinned, telescoping outrigger beam was developed to extend 7 to 21 feet from the wall anchors, allowing safe access over the decorative glass guardrail. This innovative system ensured that window cleaning operations could be conducted safely while preserving the casino's architectural aesthetics. The outrigger beam was also designed for easy disassembly and off-site storage when not in use.

Diversified was able to resolve all the concerns presented by the general contractor, employing extensive customizations for the outrigger system, completing this project on time. The considerable amount of glass on the Palms Casino can now be safely cleaned without anchorages and rigging equipment obstructing the views.

#### The Company



Palms Casino opened in 2001 and has become a popular hotel and entertainment destination near the Las Vegas Strip. Extensive glass, requiring regular cleaning, and decorative architectural features made this a challenging custom job for Diversified Fall Protection.

#### Highlights

- Removable wall anchors remain concealed within the structure, maintaining the visual integrity of the space.
- A custom outrigger beam extending up to 21 feet enables safe access without interfering with the public patio or decorative glass.
- The system allows for routine glass maintenance without anchorages or rigging equipment obstructing the guest experience.
- Extensive customization and expert project management ensured that all safety requirements were met without delaying casino operations.

