



Concrete Protection & Restoration

Marriott Harbor Beach Restoration

Problem

The purpose of this project was to update, renovate and waterproof the Marriott Harbor Beach Ocean Terrace, which was built in 1983 and is one of the most popular hotels of the Host Hotel & Resort family. It had a dated appearance and it was not being used to its full potential by the hotel and guests. There were leaks into the underground parking garage, administrative offices, and storage rooms due to failed waterproofing. The plan was two-fold. Stop the leaks and produce an aesthetically pleasing and versatile, multipurpose terrace. A national architectural firm was hired to design a more modern, open space and by October 2008 the restoration was underway.

Location

Ft. Lauderdale, Florida

Project Size

\$3,500,000.00

Owner

Host Hotels & Resorts, Inc.

Engineer

Tadger-Cohen-Edelson Associates, Inc.

Architect

EDSA, Inc.

Solution

- ◇ Demolition of walkways and existing concrete surface slabs as well as removal of planters, walls, dirt trees and shrubbery, and debris down to the waterproofing; planter walls were cut down to the new configurations and existing waterproofing was removed; post-tension cables were repaired
- ◇ Application of new hot applied waterproofing and placement of protective layers of concrete over Styrofoam to support the terrace restoration and reduce the weight on the parking garage
- ◇ Specialty pavers were custom cast for this project to closely resemble coral rock; walkways and Terraces used natural shell stone to tie the Hotel to the beach; architectural cable railing feature has almost a cruise ship look and certainly adds to the ambiance by visually opening the space
- ◇ Ramps were rebuilt to allow better egress and flow between the terrace, beach, and pool; radius stairs were constructed of salt finish cast veneer following the beach aesthetics; parapet walls were removed and replaced with cable railing. Synlawn turf was placed to add color; anchors were installed so that tents could be erected as needed for various events and two fire pits were built



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Saving the life of concrete!

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