

PROJECT PROFILE

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Office Building Park - Doral, FL

Building Facade Masonry Repair & Restoration

OWNER/AGENT: Adler Office Associates, LTD ENGINEER/ARCHITECT: HOC Consulting, LLC

DESCRIPTION:

Located in the heart of the city of Doral in South Florida, Office Building Park is a four-story commercial facility that houses the offices of several private companies, as well as the office of ITT Technical Institute. The building's exterior façade consists of curtain walls and brick veneer.

The Challenge:

Over time, building tenants were exposed to an increasing water infiltration problem through the exterior façade. This problem was primarily caused by the presence of voids and cracks in the brick veneer mortar joints.

Factors such as the building's age, weather exposure, and lack of expansion joints all contributed to the deterioration of the building's seal.

The CSI Solution:

The Engineer of Record recommended restoring the exterior masonry with these types of repairs:

- Pointing damaged mortar joints
- Routing out and sealing cracked bricks
- Pinning unstable brick
- Sealing entire masonry surface with a penetrating water repellent

The **CSI** team completed all repairs, and successfully restored the building envelope.



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