



CONTRACTING SPECIALISTS
INCORPORATED

PROJECT PROFILE

www.contractingspecialists.com

130 Miracle Mile - Coral Gables, FL Structural Restoration

OWNER: Marin Management Corporation
Agent for Trust ULWT

ARCHITECT: HVC Architectural Planning

DESCRIPTION:

This project's original concept was repair and replacement of existing, deteriorating structural columns. CSI noted that the building was in a historical district, and determined the period in which original construction took place was during an era of extensive use of beach sand as a component of the concrete.

This likely meant any existing steel remaining would be useless in repairs, and the concrete itself would be low in compressive and cohesive strength. Upon removal of existing finishes on the remainder of the walls, these conditions were confirmed, along with the discovery of other, non-conforming construction procedures typical to that time period.

Working directly with the Owner's engineer/architect the CSI team installed extensive shoring to stabilize the structure, then exposed and analyzed the main structural components (columns, footers, beams) for re-engineering, resulting in total replacement of all perimeter columns and sections of beams.

Improper modifications over the years to walls and openings also required re-evaluation and some creative engineering, which was incorporated with the column replacements in order to be a more cost-effective solution for the owner.



Since 1996, **Contracting Specialists Incorporated** has steadily emerged as a leader in specialty construction, providing clients with proven and innovative solutions for concrete restoration, masonry restoration and waterproofing. Visit www.contractingspecialists.com

Corporate Office: 453 South Main Street, Attleboro, MA 02703
Regional Office: 1600 North Powerline Road, Pompano Beach, FL 33069
Regional Office: 477 Congress Street, 5th Floor, Portland, ME 04101
Regional Office: 5127 Berwyn Road, College Park, MD 20740

P/ 508.222.2377
P/ 954.786.3223
P/ 207.523.3431
P/ 301.513.5226