



## Project Profiles: Historic Concrete and Cast Stone

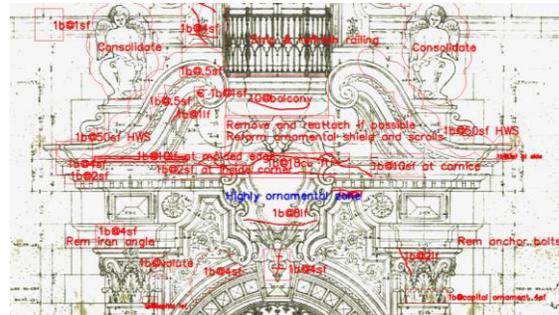
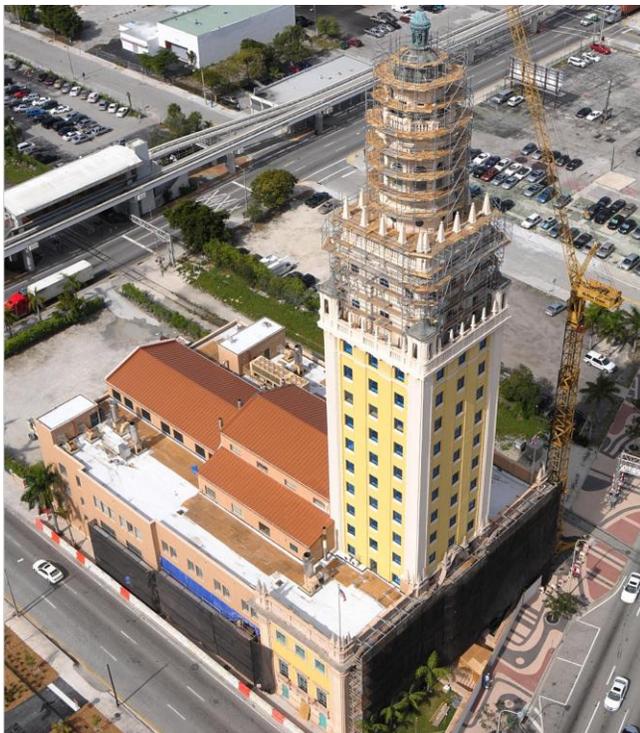
### Freedom Tower/Miami News Building, Miami, Florida

Aeon Preservation Services performed a detailed façade assessment of the historic Miami Freedom Tower. Designed by the renowned hotel architects, Schulze & Weaver of NYC in 1924, the Freedom Tower was originally constructed to serve as the headquarters of the Miami News. In the mid-Twentieth Century it was owned by the Federal Government and gained prominence serving as South Florida's equivalent to Ellis Island for Cuban immigrants entering the US. Now owned by Miami Dade College, the building will serve a new generation as an educational building and museum.

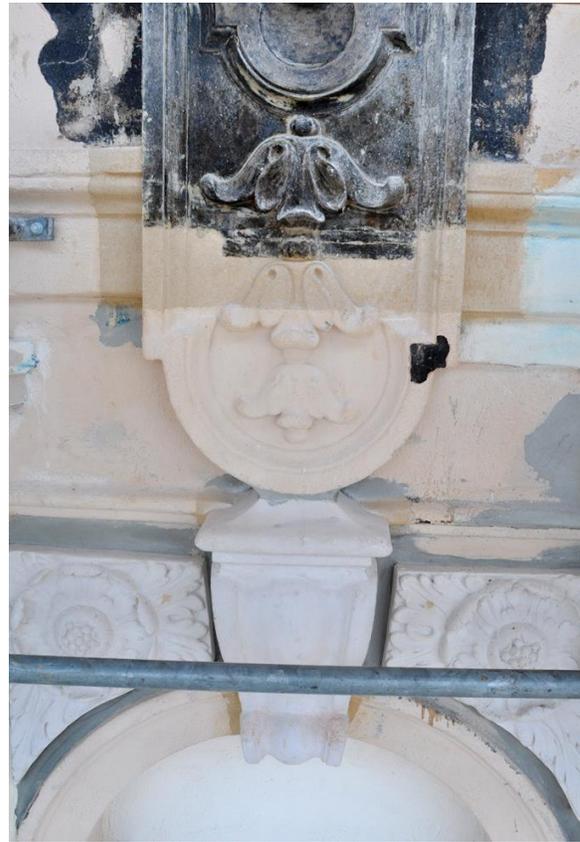
General Contractors Kaufman Lynn of Boca Raton selected Aeon after a national search for experienced conservators who were able to work with them under an aggressive schedule to survey and document existing conditions and repair strategies for the Baroque Neoclassical concrete, cast stone and stucco façades. Aeon conservators surveyed the entire façade over a three week period accessing wall areas using fixed scaffolding, swing stage, and self-propelled high reach. Aeon also located missing original drawings located at the Wolfsonian archive providing critical supporting data.

Aeon worked closely with the Contractor, subcontractors, and owner to identify all work areas on the facades, define detailed scope for repair and restoration in compliance with historic preservation requirements, performed ongoing project management and QC, and generally supported the project objectives while meeting all cost and schedule requirements. This project has received numerous awards and Aeon received high marks from the owner, architect, and contractor for their critical role.

### Project Photos:



*Freedom Tower access was provided by Kaufman Lynn using fixed scaffold at top and bottom and swing stage for the tower shaft (bottom areas were accessed by self-propelled high reach). Conditions were noted using hand-held ruggedized tablets directly on CAD drawings or overlaid on original drawing scans, as required.*



Upper tower repairs included a combination of in-kind replacement, Jahn patching, and conservation treatment.



Lower level concrete was uncoated and repairs included careful cleaning and removal of biological staining, Jahn mortar patching, and selective in-kind replacement.

*Testimonial: "Aeon Preservation Services was instrumental in making the Miami Freedom Tower Restoration a success. Their technical knowledge and expertise, combined with their extensive background in architectural history were critical on this project. The entire project team relied heavily on Aeon to guide us through this complex project, to communicate difficult technical restoration concepts to the project Owner, and to keep us on schedule. Most importantly, however, Aeon was able to balance the demands of a historic restoration project with the reality of the Owner's budget to provide them with the very best value for their investment. I look forward to someday working together again with Aeon Preservation Services."*

Ben Baffer, Project Manager, Kaufman Lynn Construction

Awards: 2013: ENR 'Best of the Best'; 2012 ENR/SE Restoration/Renovation; 2012 Florida Trust; 2012 Dade Heritage Trust