



RESPONSIBILITIES

Mr. Czaplicki serves as Principal-in-Charge and Project Manager on major jobs requiring failure investigation, building envelope and facade investigations, rehabilitation/restoration work, structural condition surveys, and product and materials research work, particularly brick, stone, terra-cotta wall and curtain wall repairs, as well as parking garage investigations and repairs.

Mr. Czaplicki has been associated with Barber & Hoffman Inc. since 1986. In his years with the firm, he has developed from structural designer to Project Manager. Following these years of training, he assumed the position of Associate in 1993 and Office Manager in 1995. In 2004, he became a Principal of the firm. Interacting daily with building owners, managers, architects, contractors, and material fabricators, Mr. Czaplicki champions the collaborative approach in developing efficient, cost-effective solutions to design, detailing, repair and restoration challenges.

PROJECT EXPERIENCE

SMITHSONIAN INSTITUTE - STAR-SPANGLED BANNER EXHIBIT

Washington, DC • Provided structural engineering design and detailing services for the renovations to the 1,200-square-foot exhibit pedestal table. Engineered and detailed a stainless steel rolling gantry catwalk structure to allow Smithsonian Institute preservationists to access any point of the 200-year-old flag for inspection, cleaning, and repairs.

TERMINAL TOWER FACADE RESTORATION

Cleveland, OH • Serving as Engineer-of-Record for a major five-year restoration program, involving over \$20 million in exterior cladding repairs. An extensive renovation of the entire 52-story building from the flagpole down to street level. Investigation and repairs involved stone, terra cotta, and brick masonry restoration, along with investigation and repair of deteriorated structural steel.

LORAIN COUNTY JUSTICE CENTER - EXTERIOR FACADE REPAIRS

Elyria, OH • Involved a close-up inspection of the exterior brick masonry and the interface of the masonry with the curtain wall system, identifying and recording the various structural and cosmetic distress in the brick masonry, and creating inspection openings in the masonry for visual observation of the interface between the masonry and the back-up curtain wall system. Contract repair documents were then prepared and issued for bids. Developed complete repair documents, drawings, and details for the restoration.

PARKING GARAGE AT 1 SUMMIT DRIVE

Independence, OH • Involved a structural condition survey of the existing parking structure. Based on the visual observations recorded during the survey and review of the existing structural drawings, a condition survey report was generated that described the various forms of structural and cosmetic distress observed in the garage and included repair recommendations to address the apparent forms of distress.



EDUCATION:

- Master of Science in Civil Eng., 1989
Cleveland State University
- Bachelor of Civil Engineering, 1980
Cleveland State University

REGISTRATION: P.E. 1983

- Ohio
- Colorado
- Connecticut
- District of Columbia
- Kentucky
- Minnesota
- Pennsylvania

PROFESSIONAL AFFILIATIONS:

- International Concrete Repair Institute - Northern Ohio Chapter
- Cleveland Restoration Society
- Building Owners' & Managers' Assoc. (BOMA)
- Structural Engineers Association of Ohio
- Cleveland Engineering Society - Board Member since 2006
- American Institute of Steel Construction
- International Masonry Institute
- Tau Beta Pi (National Engineering Honor Society)
- Fairview Park Chamber of Commerce