

KAREN M. ADAMS

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EDUCATION:

Pennsylvania State University

Bachelor of Architectural Engineering – Structural Emphasis: May 2000

GPA: 3.8/4.0

PROFESSIONAL EXPERIENCE:

McRae Engineering, Inc. - Columbus, GA

Vice President, April 2018 - Present. Provide specialty engineering services to precast/prestressed concrete producers. Responsibilities include project management and supervision of team, project development, Erection Drawing preparation, and corresponding with clients. Typical jobs range from architectural cladding projects to multi-level parking garages.

TRC Worldwide Engineering, Inc. – Allentown, PA

Project Engineer, March 2006 – April 2018. Provide specialty engineering services to precast/prestressed concrete producers. Responsibilities include lead engineer and project manager on a project, training new engineers, schedule engineering work for project and lead team of engineers to complete tasks, coordinate and review Erection Drawings & piece details. Typical jobs range from architectural cladding projects to multi-level parking garages.

Pennoni Associates – Bethlehem, PA

Design Engineer, December 2003 – March 2006. Part of a multidisciplinary engineering consulting firm. Responsibilities include preparing design calculations, creating computer models, supervising drafting personnel, checking drawings, and coordinating with clients. Typical jobs range from wood framed buildings to steel structures.

Ballinger Associates – Philadelphia, PA

Design Engineer, October 2001 – December 2003. Part of a multi-discipline architectural engineering firm. Responsibilities include preparing design calculations, creating computer models, supervising drafting personnel, and checking erection drawings. Also responsible for construction phase coordination, shop drawing review, and site visits. Typical jobs range from small retrofit work to large university buildings.

TRC Worldwide Engineering, Inc – Allentown, PA

Design Engineer, May 2000 – October 2001. Provide specialty engineering services to precast/prestressed concrete producers. Responsibilities include structural design calculations, creating computer models, supervising drafting personnel, checking erection drawings, and corresponding with clients. Typical jobs range from architectural cladding projects to multi-level parking garages.

PROFESSIONAL AFFILIATIONS:

P.E. Certification

Registered in PA

Precast Concrete Institute

Member since 2017/ LPCI Member

REFERENCES:

Available upon request