





American Concrete Institute®
Advancing concrete knowledge

Site Casting New Form: Inspiring Function to Respond

ACI Fall 2012 Convention
October 21 – 24, Toronto, ON

ACI
WEB SESSIONS





Kimberly Waggle, Kramer, P.E., S.E. is an Associate Professor at Kansas State University where she teaches structural engineering courses in the Architectural Engineering and Construction Science Department since 2003. Prior to entering the educational field, she was a consulting structural engineering and a director of structural engineering for 14 years. Currently, she is licensed in 13 states and is the Director of Graduate Studies for the Architectural Engineering Department. She is the current chair of ACI Committee 124, Concrete Aesthetics. She is a voting member of the ACI Construction Liaison Committee; and ACI Committees 551, Tilt-Up Concrete Construction; 120, History of Concrete; and E702, Design of Concrete Structures.

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Evolution of Form Sets Sights On The New "Box"


Kimberly Waggle Kramer, P.E., S.E.
Associate Professor



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Overview

- Tilt-Up construction continues to be stereotyped by the efficient building solution it posed during the 60's and 70's after more than thirty years of advancing form and aesthetics.
- The evolution continuing to shape the industry has been set in motion through the creativity and experience of professional designers combined with the intuition and craftsmanship of professional contractors.
- This movement brings new potential to a concrete world through the liberation of form, space and light.



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Late 1970's

Sequoia Pacific building Santa Clara, California.






United States Rock Company of Menlo Park, California patented process for rock wall designs.

Photograph Courtesy of Tilt-up Concrete Association

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1980's: Embedded Veneer Brick

Photographs courtesy of Innovative Brick Systems, LLC - Boulder, CO

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1990's

- Indiana Packers
- 1992 TCA Tilt-Up Achievement Award - Manufacturing/Industrial Division



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1994

- Hidden River Corporate Park in Tampa, Florida



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2000

- Dixie Center



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2012

One Haworth Center: LEED-NC Gold

- Holland Michigan
- Steinbecker & Associates



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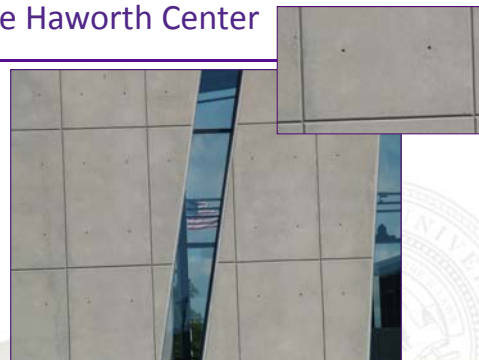
One Haworth Center



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Contractor: Kent Companies
Architect: Perkins + Will
Engineer: GMB Architects & Engineers
Tilt-Up Specialty Engineer: Mark Remmetter, PS
Lifting & Bracing Engineering: Scott Collins PE with Meadow Burke

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Costello Construction



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