

Ian R. Chin

Vice President and Senior Principal



EDUCATION

University of Illinois at Urbana-Champaign
Bachelor of Architecture, Architecture, 1969
Master of Science, Structural Engineering, 1971

REGISTRATION

Architect in Connecticut, Illinois, Massachusetts,
Michigan, Minnesota, Nevada, New Jersey, New
York, North Carolina, Ohio, South Carolina, Texas,
and Wisconsin
Professional Engineer in Illinois, North Carolina, Ohio,
and Wisconsin
Structural Engineer in Illinois
National Council of Architectural Registration Boards
Certificate

PRACTICE AREAS

Facade Investigation
Peer Review
Litigation Consulting
Repair and Rehabilitation Design
Structural Evaluation

EXPERIENCE

Ian Chin is a curtain wall and facade expert who is relied upon to solve the most challenging building envelope projects. He was instrumental in the development of Chicago's first facade ordinance, which was also the first facade inspection ordinance in the United States. He has also made numerous presentations on facade problems and material performance.

Mr. Chin's projects include low- and high-rise buildings; structural steel buildings; conventionally reinforced and prestressed concrete structures; timber-framed structures; stone, brick, terra cotta, concrete block, EIFS, and stucco exterior facades; windows; and glass and metal curtain walls. He has designed repairs, developed construction documents, and provided field observation services for these structures and facade systems.

REPRESENTATIVE PROJECTS

Facade Investigation

- Duneridge Resort, Wrightsville Beach, North Carolina: Investigation of EIFS failure
- Reliance Building, Chicago, Illinois: Terra cotta investigation

Peer Review

- AT&T Tower, Minneapolis, Minnesota: Peer review of glass curtain wall and repair design
- Yale Medical School Building, New Haven, Connecticut: Peer review of facade

Litigation Consulting

- Anchorage Towers, Baltimore, Maryland: Brick facade (umpire for experts)
- Post Office, Chicago, Illinois: Construction collapse (trial)
- R. J. Reynolds Building 611-616, Winston-Salem, North Carolina: Brickwork facade (arbitration)

Repair and Rehabilitation Design

- Amoco Building (now Aon Center), Chicago, Illinois: Marble facade investigation and recladding design using granite
- R. J. Reynolds Building 611-16, Winston-Salem, North Carolina: New brickwork facade

Structural Evaluation

- John Hancock Center, Chicago, Illinois: Evaluation of suspended scaffold failure
- One Meridian Plaza, Philadelphia, Pennsylvania: Post-fire evaluation of high-rise building
- Playskool Warehouse, Chicago, Illinois: Prestressed concrete failure
- World Color Press Plant, Covington, Tennessee: Storage rack collapse

PROFESSIONAL AFFILIATIONS

ASTM International
Brick Institute of America, masonry consultant
Chicago Committee on High-Rise Buildings (CCHRB),
past chairman
Structural Engineers Association of Illinois (SEAOI)

TECHNICAL COMMITTEES

ASTM C12 - Mortars and Grouts for Unit Masonry
ASTM C15 - Manufactured Masonry Units
ASTM C18 - Dimension Stone
ASTM C24 - Building Seals and Sealants
ASTM E06 - Performance of Buildings