

BUILDING DESIGN

Condominium – Apartments – Mixed Use

Structural Engineering Services include but not limited to the following:

- Warehouse Design
- Public Structures
- Condominium Buildings
- Retail Facilities
- Mixed Use Facilities
- Multi Structures in Wood – Steel - Concrete - Masonry
- Podium Design with Wood
- Religious Facilities
- Processing Facilities
- Investigations
- Hotel Facilities
- Residential
- Construction Phase Services



Above and Left - Wheaton 121 – Wheeling, IL

Two story above and below grade parking garage with 6-story wood framed construction



Above – 444 Aberdeen – Chicago, IL – New six story wood podium construction.

Left – 400 N. Orleans – Chicago, IL - A 1915 heavy concrete ice storage facility converted into condominium with additional 3 stories added becoming a 7-story building.





Above – **434 Melrose – Chicago, IL** - New 10 story reinforced concrete and structural steel condominium building



Above – **4 North Hickory – Arlington Heights, IL** – New 5-story condominium building podium construction with wood framing.

What are your needs?

- New Construction
- Rehabilitation
- Building Assessments
- Load Ratings
- Preliminary or Schematic Design

We can meet your needs with an economical solution!



Above - **4950 – 4952 North Western – Chicago – New condominium 5- story structure.**

Left – **4770 N. Manor – Chicago – New 5-story condominium building.**



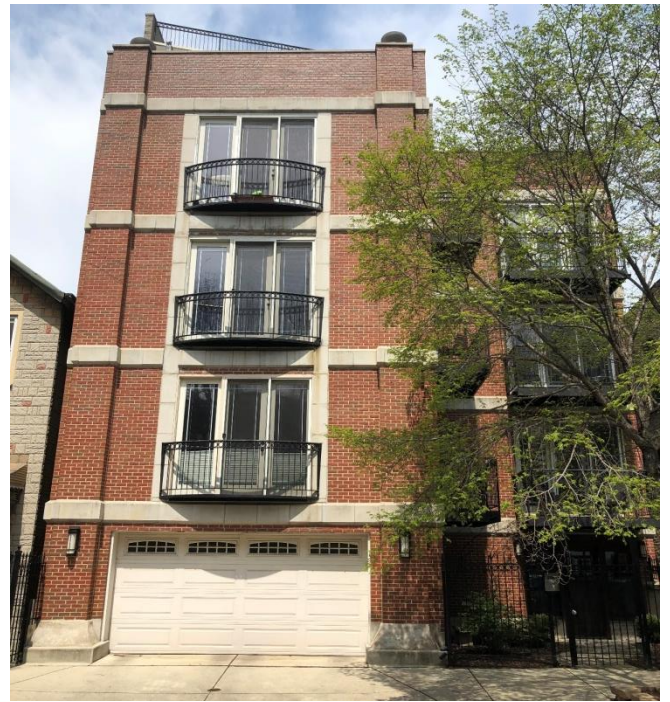
Above – **1215 Madison – Chicago, IL**

Left – **246 Greenbay Road – Highwood, IL – New 4-story condominium building with ground level retail and parking. Podium construction with wood framed floor construction.**





1601 West Ohio Street – Chicago



1514- 1516 Thomas - Chicago



Above - **2301 W. Belmont – Chicago, IL** - Condominium with first floor parking and retail.

Right – **1520 – 1522 N. Sedwick – Chicago, IL** – Condominium with first floor retail.





Above - 1925 N. Lincoln Ave – 1923 North Lincoln Park West - Ranalli's Restaurant – Chicago

The first restaurant in Chicago with an outdoor eating area, the existing building was expanded three levels vertically while the restaurant maintained operation in addition to a seven story building addition.

*Above and Right - **Vertical** expansion using Light gage framing with concrete deck.*



Above – 4346 W. Lawrence – Chicago, IL - 4-story steel moment frame construction with underground detention vault and rear two-story parking garage.

Left - 1962-66 N. Milwaukee Ave – Chicago, IL - Steel joist construction with concrete metal deck and masonry bearing walls.



925 W. Chicago Avenue – Chicago, IL – An existing 1915 masonry brick bearing walls and heavy timber structure converted and expanded into 4-story condominium. The original building was designed as a tanning factory. Heavy timber construction was retained and incorporated into the design of the renovation.



W. Taylor St. – Chicago, IL – A simple building but a complicated design. Near UIC and Medical Campus, a new 4-story with basement. Steel framed building with ground level retail. A building squeezed into a tight site. The Excavation and building design both performed by **JV Henik- Structural Engineering**.



600 W. Talcott Rd. – Park Ridge, IL – New 29,000 square foot mixed use building with basement. Design services included shoring design for basement installation due to close proximity to public sidewalks and basement 10'-0" below grade. Design included light frame construction with masonry façade. Due to excessive windows at some locations the addition of moment and brace frames inside wood framed walls was utilized.