

COMMERCIAL AND RETAIL DESIGN



Northside Toyota Dealership 6060 N. Western Ave., Chicago, IL – New 4-Story Auto Dealership included sheet piling design for poor soil, caisson design and unique grade beam design for high torsional or twisting loads.



Staybridge Suites – Glenview - 4 story all wood construction.



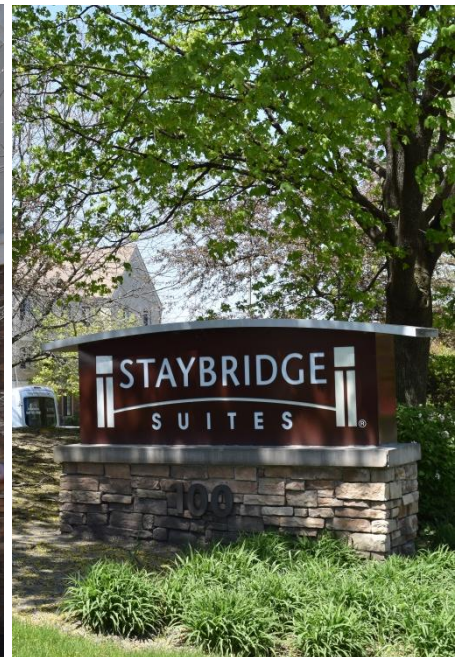
Elgin Toyota Dealership 1600 W. Lake St., Streamwood, IL



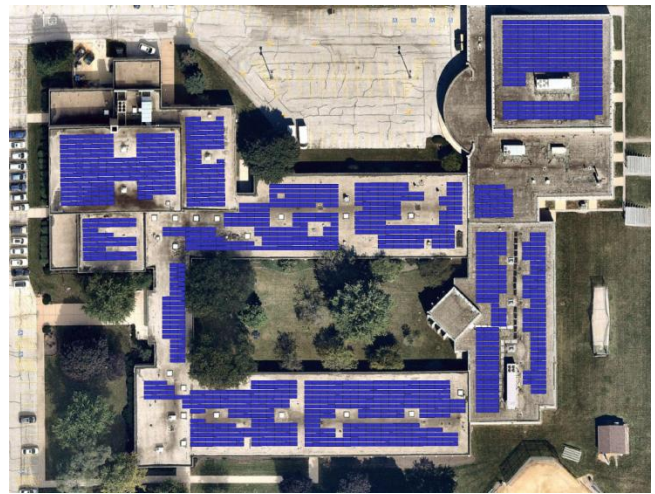
Chrysler Dealership 1500 W. Lake St., Streamwood, IL



North Shore Ice Arena – Northbrook, IL



Staybridge – Lincolnshire, IL – 3 story hotel utilizing light gage framing.



Above Left- Rosary Harvey's Tales Bookstore 216 James St., Geneva, IL – Structural Renovation of building. Floors reinforced for bookstore loading. Above Right – Rosary High School – Aurora, IL – Structural capacity verification of existing roof framing for installation of new solar panels.



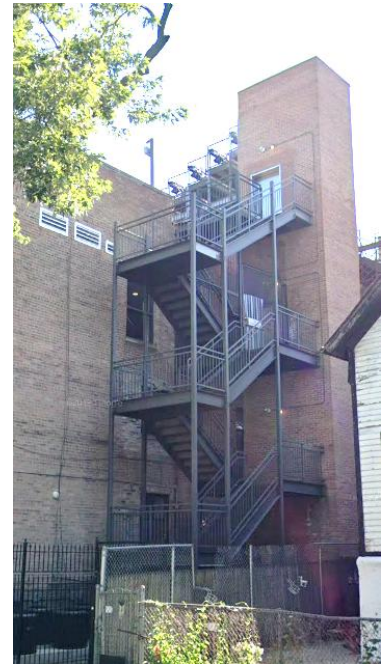
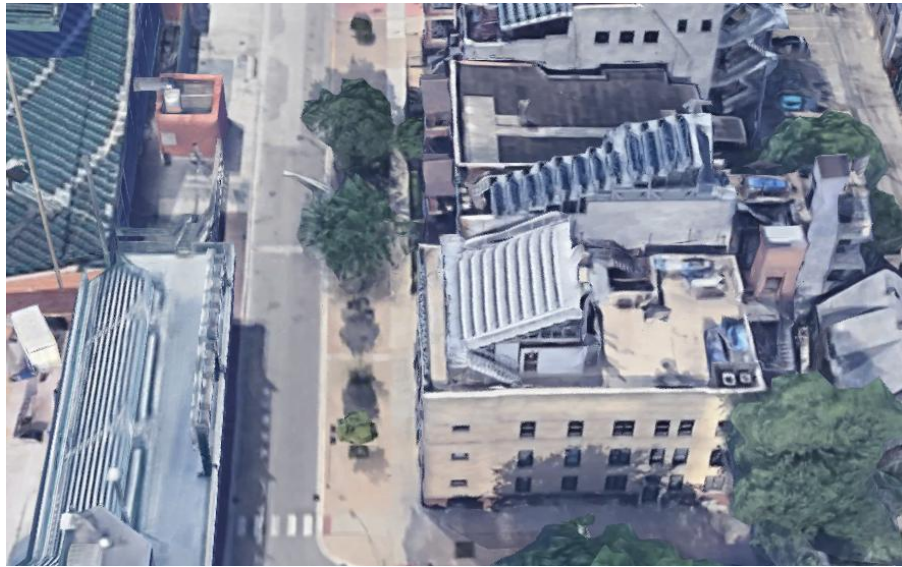
Above-231 Olde Half Day Road, Lincolnshire – Medical Facility Right - Randall Crossing-Phase II – Algonquin, IL



Audi Westmont Sales Center – Addition and remodeling to structural steel building.



Audi Westmont Garage Car Storage and Auto Repair on Ground Level - Unique structural engineering design for parking garage includes a mix of caissons and shallow spread footings due to highly variable soil. The garage design is based on seismic forces governing over lateral wind forces.



1050 Waveland Ave - Chicago – Structural engineering design of new roof top bleachers across from Wrigley Field. Engineering design included reinforcing the existing building for support of bleacher system, new roof framing and new elevator / stair tower for direct rooftop access.



Above Left - Des Plaines Glass – Des Plaines, IL – Structural design of a new precast panel building. Incorporated into design of precast were overhead cranes running full length of building.

Above Right – Kiddie Academy – Glenview, IL - New steel framed building with basement.



Fashion Outlet of Chicago – Rosemont, IL – Structural Investigation of cracking and deterioration of top deck concrete of garage. Repair recommendations included in investigation.



Above – John Deere Sales and Maintenance Facility – Lisle, IL - New and renovated facility includes structural design and renovation.



Left – New maintenance facility to above John Deere includes 8 overhead cranes running length of facility with crane runway capacity up to 10 tons each.



Above and Right – Phase I - Randall Crossing – Algonquin, IL One story 36,000 sq. ft. retail facility. The foundation system consisted of caissons and grade beams due to poor soil.