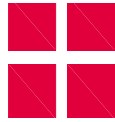




CATES ENGINEERING  
STRUCTURAL CONSULTING

# BUILDING DESIGN



## Alexan West Hempstead



**PROJECT LOCATION**  
West Hempstead, NY

**PROJECT TYPE**  
Residential

**ARCHITECT**  
EGA

**OWNER /  
DEVELOPER**  
Trammell Crow  
Residential



### PROJECT DESCRIPTION

West Hempstead – The project will consist of one, four story wood framed apartment building over top of 2 ½ levels of structured parking. The building will contain approximately 147 units created from approximately 15 unit types. There will be approximately 5,000sf of clubhouse and amenity areas on the first residential level. Courtyard areas will also be incorporated into this first residential level and will contain plantings and pavers. The project is infill among existing intersecting streets and railways. There will also be some access ramps to the garage level from the alleyways.

Construction for the framed units are anticipated to consist of prefabricated wood roof and floor trusses supported on 2x bearing walls. The structured parking levels are assumed to consist of conventionally reinforced cast in place concrete, incorporating a slab fold for the courtyard areas. The building foundations are assumed to be conventionally reinforced concrete spread footings supported on virgin soil or compacted fill

Structural Consulting Services to Architects,  
Developers, Contractors and Owners

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