



December 13, 2013

Frank Gunther
Perkins Eastman Architects
115 Fifth Avenue
New York, NY 10003

Re: #14547
Additional Floors on Existing Garage
Methodist Hospital
Brooklyn, NY

Dear Frank:

We have reviewed the complying building and the required revisions to construct a new 10 story structure above the existing garage and we understand the following to be true;

1. The existing reinforced concrete columns will need to be reinforced
2. The existing footings will need to be reinforced
3. A structural transfer will be required to change the location of the column grid in the new structure is compatible with the program

Lend Lease would consider this changes a cardinal change to the existing garage structure. The rework of the existing structure will require that the existing garage be vacated to provide safe access for the workers and to prevent damage to the vehicles that are located in or near the work area. In the scenario described, the entire garage is the needed work area.

The erection of the new structure will require that the garage be vacated for the following reasons;

1. Comply with RS 19 Section 23.3.5 of the Cranes and Derricks code which requires 2 unoccupied levels below erection operation
2. The addition of 10 floors would require many penetrations into the garage including elevator pits, utility service Points Of Entry (POE'S) and accompanying sanitary and soil piping, electric service, water service

Structural openings for infrastructure to support the new 10 story addition along with shear walls required for lateral support would interfere with the garage operations, compromise safety of the workforce and present an extraordinary risk of property damage.

We estimate that the reinforcement work and new utility POE's in the existing garage will take 135 work days followed by a new structure that will take 60 work days followed by the core and shell which will need to progress for approximately 135 days until substantial completion followed by Interior Fit Out for 80 days. The existing garage would be out of service for approximately 82 weeks which equates to 17 months.

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Please contact me at 212 592 6784 should you have questions.

Regards,

Lend Lease (US) Construction LMB, Inc.


Joseph Maraia
Executive Vice President