



Safety Inspection Report #002 for April 21, 2017

Client:

Curtis J. Woods, P.E.
Commissioner
Department of Buildings
City of Mount Vernon
1 Roosevelt Square
Mount Vernon, New York 10550
(914) 665-2660 Fax (914) 665-2498
cwoods@cmvny.com<<mailto:cwoods@cmvny.com>>

Re: 203 Gramatan Avenue, Mount Vernon, NY

Inspection Item: Exterior Safety, Standpipe, and Pedestrian Safety

Inspection Date: April 21, 2017

Inspection Time: 2:45PM

Weather: Cloudy, 55° F

Personnel Onsite: Project Super / PM not available

Client Present: Building Commissioner, Curtis Woods
Professional Engineer, Michael Gianatasio, P.E.

Abbreviations: UES: Universal Engineering Services, P.C. (Special Inspector)
DOB: Mount Vernon Department of Buildings
OWNER: Atlantic Development Group

UNIVERSAL ENGINEERING SERVICES, P.C.

Commissioner Woods,

Thank you for the opportunity to provide our safety inspection services and accompanying me . As you are aware, UES performed a Visual Safety Inspection at 203 Gramatan Avenue Project Site. There was no site supervisor at the time of inspection. The following is a summary of our observations and comments.

Non-Compliant Items This Inspection:

1. **REPEAT OBSERVATION FROM MARCH 3, 2017 REPORT** - **Lack of Fall Protection.** Observation: Worker working on roof canopy with no fall protection.

Recommendation: Workers should not be working on a roof canopy. Employees should be utilizing fall protection means and methods. Further training on fall protection is required.

Federal Code Reference: 1926.501 – Duty to have fall protection. 1926.502(a)(2) – Employers shall provide and install fall protection systems, 1926.502(b) – Guardrail systems.



2. **REPEAT OBSERVATION FROM MARCH 3, 2017 REPORT Standpipe Discharged / Automatic Sprinkler System off line.** Observation: Gauge shows ZERO pressure on north standpipe / sprinkler gauge.

Recommendation: Maintain pressure in system as required and inspect daily.

Federal Code Reference: 1926.150(a)(5) – All firefighting equipment shall be periodically inspected and maintained in operating condition. 1926.203(d) – Tags are temporary signs attached to equipment to warn of existing conditions and hazards.

State Requirement: Chapter 9 Fire Code Systems of Service. Where a required fire protection system is out of service the fire department and the code enforcement Official shall be notified immediately....



3. **REPEAT OBSERVATION FROM OCTOBER 18, 2016 REPORT Lack of Pedestrian Overhead Protection.**

Observation: Façade and railing work incomplete overhead. Lack of overhead protection for pedestrians.

Recommendation: Reinstall sidewalk shed without further delay.

State Requirement:

NYS 3306.1 Protection required. Pedestrians shall be protected during construction, remodeling and demolition activities as required by this chapter and Table 3306.1. Signs shall be provided to direct pedestrian traffic.

NYS 3306.8 Repair, maintenance and removal. Pedestrian protection required by this chapter shall be maintained in place and kept in good order for the entire length of time pedestrians are subject to being endangered. The *owner* or the *owner's* authorized agent, upon the completion of the construction activity, shall immediately remove walkways, debris and other obstructions and leave such public property in as good a condition as it was before such work was commenced.

NYS DOL § 23-1.7 Protection from general hazards.(a) Overhead hazards. (1) Every place where persons are required to work or pass that is normally exposed to falling material or objects shall be provided with suitable overhead protection. Such overhead protection shall consist of tightly laid sound planks at least two inches thick full size, tightly laid three-quarter inch exterior grade plywood or other material of equivalent strength. Such overhead protection shall be provided with a supporting structure capable of supporting a loading of 100 pounds per square foot.

Mount Vernon Requirement:

MV227-47 Safeguarding pedestrian and other traffic. A. Except as otherwise provided herein, the permittee shall erect and maintain suitable protective barricades and fences around the obstruction or area occupied and shall at all times provide a safe, adequate and unobstructed passageway not less than four feet in clear width for the use of pedestrians. **B.** When materials are to be moved over the sidewalks by means of derrick, crane, hoist or chute, the permittees shall provide a safe and adequate sidewalk shed conforming to the requirements of the Building Code of the City, or when so ordered by the Commissioner, shall provide a safe, adequate and unobstructed temporary sidewalk around the obstruction or area occupied. **C.** Temporary sidewalks, when so ordered, shall wherever practicable be built to the same level as the existing sidewalk and in such a manner as not to interfere with the free flow of water in the street or gutter. **D.** The permittee shall also make adequate provision for the safe passage of vehicular traffic by day and by night. Where the free flow of traffic is interfered with, the permittee shall designate competent persons to direct and expedite traffic by means of lights or flares.



4. **Sidewalk / Pedestrian Walkway Obstruction.** Observation: Scaffold truck blocking pedestrian walkway. Pedestrian traffic forced into oncoming vehicular traffic.

Recommendation: Remove truck from walkway, establish a pedestrian crossing area, install directional signals and barricades, and provide a flagman.

State Requirement:

NYS 3301.2 Storage and placement. Construction equipment and materials shall be stored and placed so as not to endanger the public, the workers or adjoining property for the duration of the construction project.

NYS 3306.1 Protection required. Pedestrians shall be protected during construction, remodeling and demolition activities as required by this chapter and Table 3306.1. Signs shall be provided to direct pedestrian traffic.

NYS 3306.3 Directional barricades. Pedestrian traffic shall be protected by a directional barricade where the walkway extends into the street. The directional barricade shall be of sufficient size and construction to direct vehicular traffic away from the pedestrian path.

NYS 3306.5 Barriers. Barriers shall be not less than 8 feet (2438 mm) in height and shall be placed on the side of the walkway nearest the construction. Barriers shall extend the entire length of the construction site. Openings in such barriers shall be protected by doors that are normally kept closed.

NYS 3306.8 Repair, maintenance and removal. Pedestrian protection required by this chapter shall be maintained in place and kept in good order for the entire length of time pedestrians are subject to being endangered. The *owner* or the *owner's* authorized agent, upon the completion of the construction activity, shall immediately remove walkways, debris and other obstructions and leave such public property in as good a condition as it was before such work was commenced.

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5. **Sidewalk / Pedestrian Walkway Obstruction.** Observation: Scaffold workers removing scaffold blocking pedestrian walkway. Pedestrian traffic forced to reverse course or walk into oncoming vehicular traffic.

Recommendation: Establish a pedestrian crossing area, install directional signals and barricades, and provide a flagman.

State Requirement:

NYS 3301.2 Storage and placement. Construction equipment and materials shall be stored and placed so as not to endanger the public, the workers or adjoining property for the duration of the construction project.

NYS 3306.1 Protection required. Pedestrians shall be protected during construction, remodeling and demolition activities as required by this chapter and Table 3306.1. Signs shall be provided to direct pedestrian traffic.

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6. **Sidewalk / Pedestrian Walkway Obstruction.** Observation: Open construction site. Pedestrians may enter active construction site.

Recommendation: Provide and maintain fencing and barricades to prevent pedestrians from entering active construction site.

State Requirement:

NYS 3301.2 Storage and placement. Construction equipment and materials shall be stored and placed so as not to endanger the public, the workers or adjoining property for the duration of the construction project.

NYS 3306.1 Protection required. Pedestrians shall be protected during construction, remodeling and demolition activities as required by this chapter and Table 3306.1. Signs shall be provided to direct pedestrian traffic.

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7. **Sidewalk / Pedestrian Walkway Obstruction.** Observation: Truck unloading on sidewalk without a permit or controlled access area.

Recommendation: Cease loading material onto walkway, establish a controlled access zone and pedestrian crossing area, install directional signals and barricades, and provide a flagman.

State Requirement:

NYS 3301.2 Storage and placement. Construction equipment and materials shall be stored and placed so as not to endanger the public, the workers or adjoining property for the duration of the construction project.

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Closing Comments and Recommendations:

REPEAT OBSERVATIONS

1. Project-wide evaluation of safety measures focusing on Protection of Pedestrians and Employees.
2. OSHA re-training to include all supervisors and competent persons.
3. Identify competent person and responsible person on site in writing.
4. Review of Health and Safety Program for the GC and contractors on site.
5. Post Construction and Hazard Warning Signs.
6. Provide and install proper barricading as required by Code.

In accordance with MV Code 267-47 Enforcement, the Building Commissioner shall keep a record of every identifiable complaint of a violation of any of the provisions of this chapter and of the action taken consequent on each such complaint, which records shall be public records.

It is the continued professional opinion of this office that:

1. Observed field inspection items are to be resolved without further delay.
2. Violations be issued for the above referenced state and local laws and Codes.
3. When deemed appropriate stop work order be issued until items have been resolved to the satisfaction of the Building Commissioner and the site made safe.
4. Re-Inspection by the Department of Buildings and Fire Department to confirm items have been resolved.

Our field inspection is to assist the City of Mount Vernon Department of Buildings with Code Enforcement. Our inspection and recommendations do not necessarily address each and every possible code, regulatory or statutory violation, or exception to good practices and procedures. Further, the absence of comment or recommendation on a given plan or application does not mean the plan is in compliance with all applicable codes, rules or statutes, is in conformation with good practices and procedures, or is without loss potential. No responsibility is assumed, and is expressly disclaimed, by Universal Engineering Services, P.C. This report is for City of Mount Vernon internal use only.

Field Inspection Conducted by:

Universal Engineering Services, P.C.
A New York Professional Corporation



Michael R. Gianatasio, P.E.
President
Safety & Engineering Consultant