

Statement of Special Inspections

Project: *LOGRASSO HALL*

Location: *194 CENTRAL AVE, FREDONIA NY 14063*

Owner: *STATE UNIVERSITY OF NEW YORK AT FREDONIA*

Design Professional in Responsible Charge: *PETRILLI ENGINEERING, PC*

This *Statement of Special Inspections* is submitted as a condition for permit issuance in accordance with the Special Inspection and Structural Testing requirements of the Building Code. It includes a schedule of Special Inspection services applicable to this project as well as the name of the Special Inspection Coordinator and the identity of other approved agencies to be retained for conducting these inspections and tests. This *Statement of Special Inspections* encompass the following disciplines:

☒ Structural

☐ Mechanical/Electrical/Plumbing

☐ Architectural

☐ Other: _____

The Special Inspection Coordinator shall keep records of all inspections and shall furnish inspection reports to the Building Official and the Registered Design Professional in Responsible Charge. Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Building Official and the Registered Design Professional in Responsible Charge.

A *Final Report of Special Inspections* documenting completion of all required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy.

Job site safety and means and methods of construction are solely the responsibility of the Contractor.

Interim Report Frequency: *AS NOTED*

or ☐ per attached schedule.

Prepared by:

ARNALDO PETRILLI

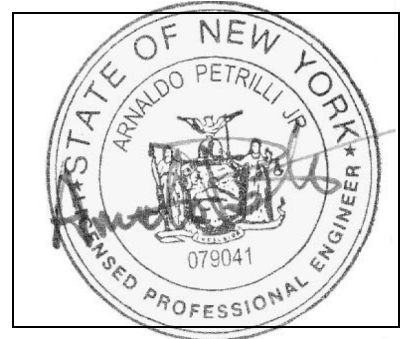
(type or print name)

Arnaldo Petrilli Jr.

Signature

04/18/23

Date



Owner's Authorization:

Building Official's Acceptance:

Signature

Date

Signature

Date

Schedule of Inspection and Testing Agencies

This Statement of Special Inspections / Quality Assurance Plan includes the following building systems:

- | | |
|--|--|
| <input type="checkbox"/> Soils and Foundations | <input type="checkbox"/> Spray Fire Resistant Material |
| <input type="checkbox"/> Cast-in-Place Concrete | <input type="checkbox"/> Wood Construction |
| <input type="checkbox"/> Precast Concrete | <input type="checkbox"/> Exterior Insulation and Finish System |
| <input type="checkbox"/> Masonry | <input type="checkbox"/> Mechanical & Electrical Systems |
| <input checked="" type="checkbox"/> Structural Steel | <input type="checkbox"/> Architectural Systems |
| <input type="checkbox"/> Cold-Formed Steel Framing | <input type="checkbox"/> Special Cases |

Special Inspection Agencies	Firm	Address, Telephone
1. Special Inspection Coordinator: (Personal Name of Individual Coordinating Inspections)	<i>PETRILLI STRUCTURAL AND CONSULTING ENGINEERING, PC</i>	245 KINSEY AVE BUFFALO, NY 14217 716-854-3508
2. Inspection Agency	<i>TBD</i>	
3. Geotechnical Agency	<i>NA</i>	
4. Structural Engineer	<i>Petrilli Structural and Consulting PC</i> Coordinator Name: <i>AJ Petrilli</i>	<i>245 Kinsey Ave Kenmore NY</i> <i>716-854-3508</i> <i>ajpetrilli@petrilliengineering.com</i>
5. Testing Agency	<i>TBD</i>	
6. Other		

Note: The inspectors and testing agencies shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

Quality Assurance Plan

Quality Assurance for Seismic Resistance

Seismic Design Category *NA*

Quality Assurance Plan Required (Y/N) *N*

Description of seismic force resisting system and designated seismic systems:

NA

Quality Assurance for Wind Requirements

Basic Wind Speed (3 second gust) *NA*

Wind Exposure Category *NA*

Quality Assurance Plan Required (Y/N) *N*

Description of wind force resisting system and designated wind resisting components:

NA

Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated above must submit a Statement of Responsibility.

Qualifications of Inspectors and Testing Technicians

The qualifications of all personnel performing Special Inspection and testing activities are subject to the approval of the Building Official. The credentials of all Inspectors and testing technicians shall be provided if requested.

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge deems it appropriate that the individual performing a stipulated test or inspection have a specific certification or license as indicated below, such designation shall appear below the *Agency Number* on the Schedule.

PE/SE	Structural Engineer – a licensed SE or PE specializing in the design of building structures
PE/GE	Geotechnical Engineer – a licensed PE specializing in soil mechanics and foundations
EIT	Engineer-In-Training – a graduate engineer who has passed the Fundamentals of Engineering examination

American Concrete Institute (ACI) Certification

ACI-CFTT	Concrete Field Testing Technician – Grade 1
ACI-CCI	Concrete Construction Inspector
ACI-LTT	Laboratory Testing Technician – Grade 1&2
ACI-STT	Strength Testing Technician

American Welding Society (AWS) Certification

AWS-CWI	Certified Welding Inspector
AWS/AISC-SSI	Certified Structural Steel Inspector

American Society of Non-Destructive Testing (ASNT) Certification

ASNT	Non-Destructive Testing Technician – Level II or III.
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International Code Council (ICC) Certification

ICC-SMSI	Structural Masonry Special Inspector
ICC-SWSI	Structural Steel and Welding Special Inspector
ICC-SFSI	Spray-Applied Fireproofing Special Inspector
ICC-PCSI	Prestressed Concrete Special Inspector
ICC-RCSI	Reinforced Concrete Special Inspector

National Institute for Certification in Engineering Technologies (NICET)

NICET-CT	Concrete Technician – Levels I, II, III & IV
NICET-ST	Soils Technician - Levels I, II, III & IV
NICET-GET	Geotechnical Engineering Technician - Levels I, II, III & IV

Exterior Design Institute (EDI) Certification

EDI-EIFS	EIFS Third Party Inspector
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Other

Item	Agency # (Qualifications.)	Scope	Inspection Frequency
1. Fabricator Certification/ Quality Control Procedures <input checked="" type="checkbox"/> Fabricator Exempt		NA	
2. Material Certification		NA	
3. Open Web Steel Joists		NA	
4. Bolting		NA	
5. Welding	AWS-CWI ICC-SWSI	Visually inspect all welds. Field Fillet Welds: 100% visual Witness Shop Fillet Welds: 25% Visual All questionable welds to be tested using liquid penetrant, magnetic particle or ultrasonic methods.	P
6. Shear Connectors		NA	
7. Structural Details	PE/SE	Inspect steel frame for compliance with structural drawings, including bracing, member configuration and connection details.	P
8. Metal Deck			

Inspection frequency:

C: Continuous Inspection

P: Periodic Inspections:

All periodic inspections shall be performed in accordance with the "Structural Steel" Specification and any masonry related specification per IBC referenced standards and the project specifications.

1. Review material identification and manufacturer certificates for conformance of weld filler material with AWS Standards and AISC Manual of Steel Construction.

2. Base metal exceeding 1.5 inches in thickness and subject to through-thickness weld shrinkage shall be ultrasonically tested for discontinuities behind and adjacent to the welds after joint welding.