



**TOWN OF STRATFORD
RFP #2014-015**

**ADDENDUM #1
Issued 3/14/14**

Special Inspections & Materials Testing Services

For Victoria Soto School

The Statement of Special Inspections is attached.

Michael Bonnar, Purchasing Agent

Statement of Special Inspections

State Project No. 138-0094 N

Project: Stratford Honeyspot House

Location: 719 Birdseye Street, Stratford, CT

Owner: Town of Stratford

Design Professional in Responsible Charge: Girard and Company LLP

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: *Monthly* or per attached schedule.

Prepared by:

Michael J. Vanasse, P.E.
Girard and Company, LLP

(type or print name)

Michael J. Vanasse

11/26/2012

Date

Signature



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 checked="" type="checkbox"/> Soils and Foundations | <input type="checkbox"/> Spray Fire Resistant Material |
| <input checked="" 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 checked="" type="checkbox"/> Cold-Formed Steel Framing | <input type="checkbox"/> Special Cases |

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. Special Inspection Coordinator		
2. Inspector		
3. Inspector <i>Geotechnical Engineer (GE)</i>	<i>Dr. Clarence Welti, P.E., P.C. Geotechnical Engineering</i>	<i>227 Williams Street Glastonbury, CT 06033</i>
4. Testing Agency		
5. Testing Agency		
6. Other a. <i>Architect</i>	<i>Tai Soo Kim Partners Architects</i>	<i>146 Wyllys Street-Suite I-203 Hartford, CT 06106</i>
b. <i>Structural Engineer</i>	<i>Girard and Company LLP</i>	<i>10 Waterchase Drive Rocky Hill, CT 06067</i>

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.

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

NA	Not Applicable to this Project
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Item	Agency # (Qualif.)	Scope
1. Shallow Foundations	<p>No. 1,3&4</p> <p>PE/GE</p>	<p><i>Inspect soils below footings for adequate bearing capacity and consistency with geotechnical report.</i></p> <p><i>Inspect removal of unsuitable material and preparation of subgrade prior to placement of controlled fill</i></p>
2. Controlled Structural Fill	<p>No. 1,3&4</p> <p>NICET-ST/GE</p>	<p><i>Perform sieve tests (ASTM D422 & D1140) and modified Proctor tests (ASTM D1557) of each source of fill material.</i></p> <p><i>Inspect placement, lift thickness and compaction of controlled fill.</i></p> <p><i>Test density of each lift of fill by nuclear methods (ASTM D2922)</i></p> <p><i>Verify extent and slope of fill placement.</i></p>
3. Deep Foundations	<p>NA</p>	
4. Load Testing	<p>NA</p>	
4. Other:	<p>NA</p>	

Item	Agency # (Qualif.)	Scope
1. Mix Design	No. 4 ACI-CCI ICC-RCSI	<i>Review concrete batch tickets and verify compliance with approved mix design. Verify that water added at the site does not exceed that allowed by the mix design.</i>
2. Material Certification	No. 1 & 6b PE/SE	<i>Verify Conformance with approved materials and contract documents.</i>
3. Reinforcement Installation	No. 4 ACI-CCI ICC-RCSI	<i>Inspect size, spacing, cover, positioning and grade of reinforcing steel. Verify that reinforcing bars are free of form oil or other deleterious materials. Inspect bar laps and mechanical splices. Verify that bars are adequately tied and supported on chairs or bolsters</i>
4. Post-Tensioning Operations	NA	
5. Welding of Reinforcing	NA	
6. Anchor Rods Cast-in-Place Anchor Rods Post Installed Anchor Rods	No. 4 ACI-CCI ICC-RCSI	<i>Inspect size, positioning and embedment of all anchor rods. Inspect concrete placement and consolidation around anchors. Verify that post installed adhesive anchors are compliant with ICC-ES AC308. Verify that post-installed anchors are compliant with ICC-ES AC193.</i>
7. Concrete Placement	No. 4 ACI-CCI ICC-RCSI	<i>Inspect placement of concrete. Verify that concrete conveyance and depositing avoids segregation or contamination. Verify that concrete is properly consolidated.</i>
8. Sampling and Testing of Concrete	No. 4 ACI-CFTT ACI-STT	<i>Test concrete compressive strength (ASTM C31 & C39), slump (ASTM C143), air-content (ASTM C231 or C173) and temperature (ASTM C1064).</i>
9. Curing and Protection	No. 4 ACI-CCI ICC-RCSI	<i>Inspect curing, cold weather protection and hot weather protection procedures.</i>
10. Other:	No. 1	<i>Perform periodic site visits to confirm that the cast-in-place construction is in general conformance with the Construction Documents.</i>

Item	Agency # (Qualif.)	Scope
1. Fabricator Certification/ Quality Control Procedures <input type="checkbox"/> Fabricator Exempt	No. 1 & 4 AWS/AISC- SSI ICC-SWSI	Review shop fabrication and quality control procedures. Not required if fabrication plant is American Institute of Steel Construction (AISC) certified. Review AISC Certifications. Verify all plumbness of steel columns and conformance of erected steel with AISC procedures.
2. Material Certification	No. 1 & 4 AWS/AISC- SSI ICC-SWSI	Review certified mill test reports and identification markings on wide-flange shapes, high-strength bolts, nuts and welding electrodes.
3. Open Web Steel Joists	No. 4 AWS/AISC- SSI ICC-SWSI	Inspect installation, field welding and bridging of joists.
4. Bolting	No. 4 AWS/AISC- SSI ICC-SWSI	Inspect installation and tightening of high-strength bolts. Verify that splines have separated from tension control bolts. Verify proper tightening sequence. Continuous inspection of bolts in slip-critical connections.
5. Welding	No. 4 AWS-CWI ASNT	Visually inspect all shop and field welds. Perform magnetic particle testing for 15% of field welds and 10% of shop welds. Inspect pre-heat, post-heat and surface preparation between passes. Verify size and length of fillet welds. Ultrasonic testing of all full-penetration shop and field welds.
6. Shear Connectors	NA	
7. Structural Details	No. 1 & 4 PE/SE	Inspect steel frame for compliance with structural drawings, including bracing, member configuration and location, proper application of joint details, connection details.
8. Metal Deck	No. 4 AWS-CWI	Inspect welding and side-lap fastening of metal roof and floor deck.
9. Other:	No. 1	Perform periodic site visits to confirm that the structural steel framing is in general conformance with the Construction Documents.

Item	Agency # (Qualif.)	Scope
1. Member Sizes	No. 4	Randomly verify soffit and ceiling framing members for size, spacing and general fit-up. Verify conformance with the "Standard for Cold-Formed Steel Framing"- General Provisions by AISI and AISI-NASPEC
2. Material Thickness	No. 4	Randomly verify the gage of soffit and ceiling framing members. Verify conformance with the "Standard for Cold-Formed Steel Framing"- General Provisions by AISI and AISI-NASPEC
3. Material Properties	No. 1 & 4	Review submissions for material properties of cold-formed steel materials for ceiling framing. Verify conformance with the "Standard for Cold-Formed Steel Framing"- General Provisions by AISI and AISI-NASPEC
4. Mechanical Connections	No. 1 & 4	Review submissions for material properties of cold-formed steel materials for ceiling framing connections. Visual review of field connections for all framing. Verify conformance with the "Standard for Cold-Formed Steel Framing"- General Provisions by AISI and AISI-NASPEC
5. Welding	No. 4	Visual review of field welded connections for all framing. Verify conformance with the "Standard for Cold-Formed Steel Framing"- General Provisions by AISI and AISI-NASPEC
6. Framing Details	No. 4 AWS/CWI	Review for conformance with the contract documents. Verify conformance with the "Standard for Cold-Formed Steel Framing"- General Provisions by AISI and AISI-NASPEC.
7. Trusses	NA	
8. Permanent Truss Bracing	NA	
9. Other:		

Final Report of Special Inspections

State Project No. 138-0094 N
Project: Stratford Honeyspot House
Location: 719 Birdseye Street, Stratford, CT
Owner: Town of Stratford
Owner's Address: 2725 Main Street
Stratford, CT 06615
Architect of Record: Tai Soo Kim Partners Architects
Structural Engineer of Girard and Company LLP

To the best of my information, knowledge and belief, the Special Inspections required for this project, and itemized in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved other than the following:

Comments:

(Attach continuation sheets if required to complete the description of corrections.)

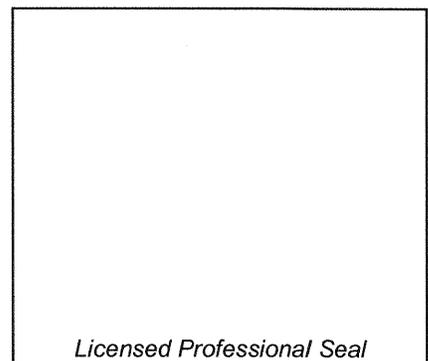
Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,
Special Inspector

(Type or print name)

Signature

Date



Final Report of Special Inspections

Agent's Final Report

Project: *Stratford Honeyspot School*
Stratford, CT

Agent:

Special Inspector:

To the best of my information, knowledge and belief, the Special Inspections or testing required for this project, and designated for this Agent in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved other than the following:

Comments:

(Attach continuation sheets if required to complete the description of corrections.)

Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,
Agent of the Special Inspector

(Type or print name)

Signature

Date

*Licensed Professional Seal or
Certification*

Contractor's Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated in the Quality Assurance Plan must submit a Statement of Responsibility.

State Project No. *138-0094 N*

Project: *Stratford Honeyspot House*
Stratford, CT

Contractor's Name:

Address:

License No.:

Description of designated building systems and components included in the Statement of Responsibility:

Contractor's Acknowledgment of Special Requirements

I hereby acknowledge that I have received, read, and understand the Quality Assurance Plan and Special Inspection program.

I hereby acknowledge that control will be exercised to obtain conformance with the construction documents approved by the Building Official.

Signature

Date

Contractor's Provisions for Quality Control

Procedures for exercising control within the contractor's organization, the method and frequency of reporting and the distribution of reports is attached to this Statement.

Identification and qualifications of the person(s) exercising such control and their position(s) in the organization are attached to this Statement.

Fabricator's Certificate of Compliance

Each approved fabricator that is exempt from Special Inspection of shop fabrication and implementation procedures per section 1704.2 of the International Building Code must submit a *Fabricator's Certificate of Compliance* at the completion of fabrication.

State Project No. 138-0094 N

Project: *Stratford Honeyspot House*
Stratford, CT

Fabricator's Name:

Address:

Certification or Approval Agency:

Certification Number:

Date of Last Audit or Approval:

Description of structural members and assemblies that have been fabricated:

I hereby certify that items described above were fabricated in strict accordance with the approved construction documents.

Signature

Date

Title

Attach copies of fabricator's certification or building code evaluation service report and fabricator's quality control manual

