

Please Reply To:  
Sam Simons  
35 Griffin Road South  
Bloomfield, CT 06002  
203-482-5156  
[Sam.Simons@T-Mobile.com](mailto:Sam.Simons@T-Mobile.com)

December 13, 2017

Attorney Melanie Bachman  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06501

**EM-T-MOBILE-014-170523**  
T-Mobile Site ID CTNH509A  
21 Acorn Road, Branford CT  
Notice of Compliance with Conditions and Construction Completion

Dear Attorney Bachman:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

1. The tower shall be reinforced in accordance with section 4.1 of the structural analysis report prepared by Paul J. Ford and Company and Modification of an Existing 147' Monopole Drawings (Modification Drawings) both date stamped on April 24, 2017 by Justin T. Kline;
2. Within 45 days following completion of equipment installation, T-Mobile shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations presented in the structural analysis report;
3. Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
4. Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
5. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
6. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by T-Mobile shall be removed within 60 days of the date the antenna ceased to function;
7. The validity of this action shall expire one year from the date of this letter; and
8. The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

The attached PE Closeout Letter dated November 8, 2017 provides evidence of compliance with the conditions outlined by the Council. In addition, T-Mobile hereby notifies the Council that construction of the acknowledged modifications were complete as of October 13, 2017.

Sincerely,



Samuel Simons, Engineering Development - Connecticut

# Statement of Special Inspections

Project: CTNH509A – SECONDINO PROPERTY

Location: 21 Acorn Road, Branford, CT 06405

Owner: Crown Castle

Design Professional in Responsible Charge: Jiang Yu, P.E.

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: N/A, Final Inspection Only

or  per attached schedule.

Prepared by:

Jiang Yu, P.E.

(type or print name)



Signature

4/2/17

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, e-mail
1. <b>Special Inspection Coordinator</b>	<i>Dewberry Engineers Inc. Jiang Yu, P.E.</i>	<i>600 Parsippany Road, Suite 301 Parsippany, NJ 07054 Phone: (973) 576-9631 E-mail: jjyu@dewberry.com</i>
2. Inspector	<i>Dewberry Engineers Inc.</i>	<i>600 Parsippany Road, Suite 301 Parsippany, NJ 07054 Phone: (973) 739-9400</i>
3. Inspector		
4. Testing Agency		
5. Testing Agency		
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

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### Quality Assurance for Seismic Resistance

Seismic Design Category	<i>N/A</i>
Quality Assurance Plan Required (Y/N)	<i>N</i>

Description of seismic force resisting system and designated seismic systems:  
*Not required per section 1705 of 2016 Connecticut State Building Code.*

### Quality Assurance for Wind Requirements

Basic Wind Speed (3 second gust)	<i>101 mph</i>
Wind Exposure Category	<i>C</i>
Quality Assurance Plan Required (Y/N)	<i>N</i>

Description of wind force resisting system and designated wind resisting components:  
*Not required per section 1705 of 2016 Connecticut State Building Code.*

### 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

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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

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Item	Agency # (Qualif.)	Scope
1. Fabricator Certification/ Quality Control Procedures <input checked="" type="checkbox"/> Fabricator Exempt		N/A
2. Material Certification		N/A
3. Open Web Steel Joists		N/A
4. Bolting		N/A
5. Welding		N/A
6. Shear Connectors		N/A
7. Structural Details	1 & 2 PE/SE	<i>Visually inspect steel mounting structures for compliance to the construction drawings, including bracing, member configuration, and connection details.</i>
8. Metal Deck		N/A
9. Other:		N/A

November 9, 2017

Town of Branford Building Department  
Branford Town Hall  
1019 Main Street  
Branford, CT 06405

RE: MetroPCS installation on an existing tower at 21 Acorn Road, Branford, CT

Dear Building Inspector,

Dewberry Engineers Inc. (Dewberry) was provided with photographic evidence from the contractor of the installed antennas and equipment during construction between September 29, 2017 and October 2, 2017.

Based on information provided by the contractor, it is our professional opinion that the project was completed and constructed in conformance with the approved plans and specifications and is in compliance with the Connecticut State Building Codes. If you have any questions, please do not hesitate to contact Dewberry Engineers Inc.

Sincerely,  
Dewberry Engineers Inc.

  
Jiang Yu, PE  
Structural Engineer



The seal is circular with a double-line border. The outer ring contains the text "STATE OF CONNECTICUT" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle features the text "JIANG YU" at the top, "No. 23222" in the center, and "LICENSED" at the bottom. In the center of the seal is the State of Connecticut coat of arms.