



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

www.ct.gov/csc

October 24, 2019

Carolyn Seeley
Site Acquisitions Supervisor
Empire Telecom USA, LLC
16 Esquire Road
Billerica, MA 01862

RE: **EM-AT&T-004-180425** - AT&T notice of intent to modify an existing telecommunications facility located at 324 Montevideo Road, Avon, Connecticut.

Dear Ms. Seeley:

The Connecticut Siting Council (Council) is in receipt of your letter dated October 21, 2019 submitted on behalf of AT&T in response to the Council's notice of noncompliance with conditions August 22, 2019. The Council recommended that Empire Telecom provide documentation certified by a Professional Engineer that AT&T's installation was in compliance with the conditions of approval as indicated in the decision letter.

However, the Statement of Special Inspections form provided does not reference the conditions of approval and does not conclusively state that the project has been completed.

Therefore the notice of completion remains non-compliant. The Council recommends that Empire Telecom provide documentation certified by a Professional Engineer that the construction is in compliance with conditions 1 and 2 of the Council's Decision (attached) on or before November 29, 2019. If additional time is needed to gather the requested information, please submit a written request for an extension of time prior to November 29, 2019.

Thank you for your attention to this matter. Should you have any questions, please feel free to contact me at 860-827-2951.

Sincerely,

Melanie Bachman
Executive Director

MAB/IN/emr

Enclosures: Decision Letter dated May 14, 2018
Notice of Completion Letter dated August 8, 2019
Notice of Completion non-compliance dated August 22, 2019
Statement of Special Inspections form dated October 18, 2019

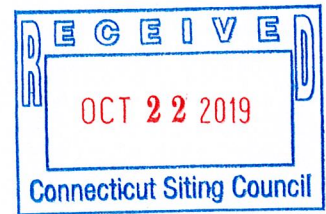
c: The Honorable Heather Maguire, Chairman, Town of Avon
Brandon Robertson, Town Manager, Town of Avon
Lucia Chiochio, Esq., Cuddy & Feder





October 21, 2019

Melanie A. Bachman
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051



RE: EM-AT&T-004-180425 | 324 Montevideo Road, Avon, CT

Dear Ms. Bachman:

Please find attached the Statement of Special Inspections Form for the above referenced site. If you have any questions or need any additional information regarding this facility, please do not hesitate to contact me.

Very truly yours,

Carolyn Seeley
Site Acquisition Supervisor

Statement of Special Inspections

Project: CT1330 – Avon Montevideo Road

Location: 324 Montevideo Road Avon, CT 06001

Owner: T.B.D

Design Professional in Responsible Charge: Petros Tsoukalas 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: (3) New Antennas
(6) New Remote Radio Units (RRUS)

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.

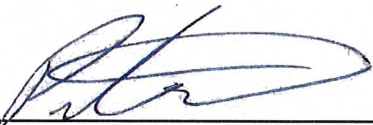
Interim Report Frequency:

Final – at project completion
or per attached schedule.

Prepared by:

Petros Tsoukalas P.E.

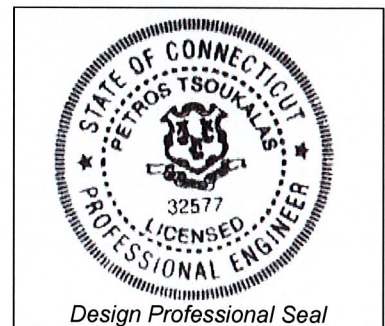
(type or print name)



Signature

10/18/19

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 type="checkbox"/> Structural Steel | <input type="checkbox"/> Architectural Systems |
| <input type="checkbox"/> Cold-Formed Steel Framing | <input checked="" type="checkbox"/> Special Cases |

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. Special Inspection Coordinator		
2. Inspector Petros Tsoukalas	Maser Consulting Connecticut	331 Newman Springs Road Suite 203 Red Bank, NJ 07701 ptsoukalas@maserconsulting.com 973.398.3110, extension 4102
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

Quality Assurance for Seismic Resistance

Seismic Design Category

Quality Assurance Plan Required (Y/N) *No*

Description of seismic force resisting system and designated seismic systems:

Quality Assurance for Wind Requirements

Basic Wind Speed (3 second gust) *98 mph*

Wind Exposure Category *B*

Quality Assurance Plan Required (Y/N) *No*

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

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

Special Cases

Item	Agency # (Qualif.)	Scope
<i>Proposed Antenna Work</i>	2 (P.E.)	<p>This project will be comprised of:</p> <ul style="list-style-type: none"> (3) Antennas to be removed and replaced with (3) antennas (6) New Remote Radio Units (RRUS) Add DUS and IDL2 to LTE Cabinet Install tower modifications <p>Inspection of the above scope of work will be completed at project completion.</p>



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August 22, 2019

Jack Andrews
Zoning Manager
Empire Telecom USA, LLC
16 Esquire Road
Billerica, MA 01862

RE: **EM-AT&T-004-180425** - AT&T notice of intent to modify an existing telecommunications facility located at 324 Montevideo Road, Avon, Connecticut.

Dear Mr. Andrews:

The Connecticut Siting Council (Council) received a notice of completion of construction for the above-referenced facility on August 12, 2019.

The Council approved the above referenced request for exempt modification in a Decision Letter dated May 14, 2018 (enclosed) with the following conditions:

1. The tower shall be reinforced consistent with the modifications section of the structural analysis report prepared by Maser Consulting dated April 3, 2018 and stamped by Petros Tsoukalas and associated drawings;
2. Within 45 days following completion of equipment installation, AT&T shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations presented in the structural analysis report.

The completion notice does not contain documentation certified by a Professional Engineer that AT&T's installation is in compliance with the Structural Analysis that references the Tower Modification and Design Drawings mentioned above.

Therefore, the completion notice is not in compliance with the conditions of approval at this time.

The Council recommends that Empire Telecom provide the above referenced documentation on or before October 22, 2019. If additional time is needed to gather the requested information, please submit a written request for an extension of time prior to October 22, 2019.

Thank you for your attention to this matter. Should you have any questions, please feel free to contact me at 860-827-2951.

Sincerely,

Melanie Bachman
Executive Director

MLAB/IN/emr

Enclosures: Decision Letter dated May 14, 2018
Notice of Completion Letter dated August 8, 2019

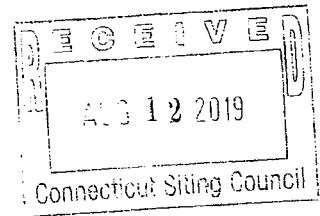
c: The Honorable Heather Maguire, Chairman, Town of Avon
Brandon Robertson, Town Manager, Town of Avon



CONNECTICUT SITING COUNCIL
Affirmative Action / Equal Opportunity Employer



August 8, 2019



Melanie A. Bachman
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

- RE: **EM-AT&T-004-180425** – 324 Montevideo Road, Avon, CT
- EM-AT&T-052-180322** – 319-321 New Britain Avenue, Unionville (Farmington) ✓
- EM-AT&T-057-180425** – 5 Perryridge Road, Greenwich, CT ✓
- EM-AT&T-062-170320** – 975 Mix Avenue, Hamden, CT ✓ *Tower masts*
- EM-AT&T-083-180425** – 213 Court Street, Middletown, CT ✓
- EM-AT&T-155-180425** – 1030 New Britain Ave., West Hartford, CT ✓
- EM-AT&T-159-180509** – 23 Kelleher Court, Wethersfield, CT ✓

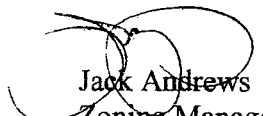
COMPLETION OF CONSTRUCTION ACTIVITY

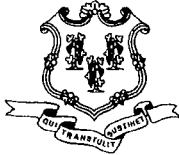
Dear Ms. Bachman:

The purpose of this letter is to notify the Siting Council that construction activity associated with the above-referenced decisions has been completed.

If you have any questions or need any additional information regarding this facility, please do not hesitate to contact me.

Very truly yours,


Jack Andrews
Zoning Manager



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May 14, 2018

Jack Andrews
Zoning Manager
Empire Telecom
10130 Donleigh Drive
Columbia, MD 21046

RE: **EM-AT&T-004-180425** - AT&T notice of intent to modify an existing telecommunications facility located at 324 Montevideo Road, Avon, Connecticut.

Dear Mr. Andrews:

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 consistent with the modifications section of the structural analysis report prepared by Masar Consulting dated April 3, 2018 and stamped by Petros Tsoukalas and associated drawings;
2. Within 45 days following completion of equipment installation, AT&T 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 AT&T 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 proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice received April 25, 2018. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of



CONNECTICUT SITING COUNCIL

Affirmative Action / Equal Opportunity Employer

Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site by any dimension, increase noise levels at the tower site boundary by six decibels or more, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standards adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996 and by the state Department of Energy and Environmental Protection pursuant to Connecticut General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below state and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Sincerely,



Melanie A. Bachman
Executive Director

MAB/CMW/laf

c: The Honorable Heather Maguire, Chairman, Town of Avon
Brandon Robertson, Town Manager, Town of Avon
Hiram Peck, AICP, Director of Planning and Community Development, Town of Avon
The Talcott Mountain Science Center for Student Involvement, Inc., Tower/Property Owner



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May 14, 2018

Jack Andrews
Zoning Manager
Empire Telecom
10130 Donleigh Drive
Columbia, MD 21046

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3. Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
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The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice received April 25, 2018. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of

Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site by any dimension, increase noise levels at the tower site boundary by six decibels or more, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standards adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996 and by the state Department of Energy and Environmental Protection pursuant to Connecticut General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below state and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Sincerely,



Melanie A. Bachman
Executive Director

MAB/CMW/laf

- c: The Honorable Heather Maguire, Chairman, Town of Avon
- Brandon Robertson, Town Manager, Town of Avon
- Hiram Peck, AICP, Director of Planning and Community Development, Town of Avon
- The Talcott Mountain Science Center for Student Involvement, Inc., Tower/Property Owner