

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

September 18, 2017

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

EM-T-MOBILE-077-170412
T-Mobile Site ID CTHA075D
93 Lake Street, Manchester 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:

- Install a handrail kit in accordance with the Site Plans prepared by B+ T Group dated March 20, 2017 and stamped by Scott Vance;
- Within 45 days following completion of the equipment installation, T-Mobile shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations presented on the Site plans;
- Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
- Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
- Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- 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;
- The validity of this action shall expire one year from the date of this letter; and
- 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 September 7, 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 August 2, 2017.

Sincerely,



Samuel Simons, Engineering Development - Connecticut

cc: Mark Richard, Engineering and Operations

Final Report of Special Inspections

Project: *T-Mobile 700MHz – Manchester (CTHA075D)*
Building Permit No. *B-17-418*
Exempt Mod. No. *EM-T-MOBILE-077-170412*
Site Address: *93 Lake Street; Manchester, CT 06042*
Owner: *T-Mobile Northeast, LLC*
Owner's Address: *35 Griffin Road South
Bloomfield, CT 06002*
Engineer of Record: *Scott Vance
B+T Group*

To the best of my information, knowledge and belief, no special inspections were required for this project. A general visual inspection from ground level of completed construction has been performed as noted in the attached field inspection report and all discovered discrepancies have been reported and resolved.

Based on my knowledge, information and belief the completed construction substantially conforms to the approved plans, Connecticut State Building Code, Structural Standards for Steel Antenna Towers and Antenna Supporting Systems (ANSI/TIA/EIA-222-G), the equipment manufacturer's installation guidelines, and the following:

1. Final Construction Drawings prepared by B+T Group revised through April 18, 2017 Rev 1.
2. Passing Structural Analysis prepared by Tower Engineering Solutions dated March 15, 2017.

All deviations from the approved plans do not endanger the intended occupancy of the facility and equipment substitutions are approved as equivalent to the original specifications. Construction has been satisfactorily completed.

Respectfully submitted,
Special Inspector

Thomas Johnson, PE

(Type or print name)



Signature

9/7/17

Date





PREPARED BY: ProTerra Design Group, LLC
4 Bay Road
Building A; Suite 200
Hadley, MA 01035

SUBMITTED TO: Mr. Bryan Bakis, P.E.
Design and A&E
Implementation Manager
SBA Communications Corp.
134 Flanders Road
Suite 125
Westborough, MA 01581

FIELD INSPECTION REPORT		
<u>INSPECTION DATE</u> September 6, 2017		<u>JOB NO.</u> 15-001
<u>REPORT ISSUE DATE</u>	<u>REVISION</u>	<u>COMMENTS</u>
09/07/2017	0	Field Inspection Report
<u>PROJECT</u> T-Mobile L700 Alteration (Building Permit No.: B-17-418) Connecticut Siting Council: EM-T-MOBILE-077-170412 T-Mobile Site Name: HA075/Optasite T-Mobile Site No.: CTHA075D Site Address: 93 Lake Street Manchester, CT 06042		
<u>CONTRACTOR</u> Northeast Towers, Inc.		<u>OWNER</u> T-Mobile Northeast, LLC
<u>WEATHER</u> Rain, 69° F		<u>TIME</u> 10:00 AM
<u>PRESENT AT SITE</u> Jamie Gruber		<u>ORGANIZATION</u> ProTerra Design Group, LLC

The following report documents a visual inspection from ground level of completed construction for general conformance with **T-Mobile L700 Alteration** construction drawings prepared by B + T Group, 1717 S. Boulder, Suite 300, Tulsa, OK 74119, revised through 04/18/17 REV1, sealed by Scott Vance, CT No. 31627.

The following items have been completed in general conformance to plans:


1. A handrail kit, (SitePro1: HRK12) has been installed in general conformance with the plans.
2. Three (3) antenna pipe masts have been installed at the center position of the sector frame.
3. Three (3) new L700 T-Mobile panel antennas (1 per sector) have been secured to the existing platform frame in accordance with passing Appurtenance Mount Assessment report (dated: 03/22/2017).
4. Three (3) RRUs were installed behind the new antennas in general conformance with the plans.
5. There are (12) 7/8" coax cables and (1) 1-1/4" Hybrid cable running from the ground equipment to the antenna platform. An additional 1-5/8" Hybrid cable has not been installed as noted in the CDs; this is acceptable given that the site retains it functionality and that the structural analysis only includes the cabling that was already installed.
6. It is presumed that new RAN equipment has been installed within the existing 3106 equipment cabinet with 6131 upgrade at ground level per T-Mobile's specifications.


7. The existing 60A-2P breaker feeding the 3106 equipment cabinet with 6131 upgrade has been replaced with a 100A-2P breaker as noted in the construction drawings. The wire size appears to have been upgraded to #3awg as required.
8. Our office is of the understanding that any required electrical work was performed by a licensed electrician and inspected by those having jurisdiction as required.
9. Site is clean.

The comments in this field report are a record of observations made on site. If there are any errors or omissions please notify ProTerra Design Group, LLC in writing or all comments and all parties shall consider this report factual and acceptable.

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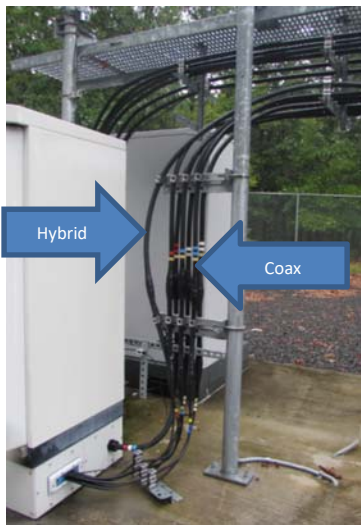
SUBMITTED: 
Peter Nute, Project Engineer

REVIEWED: 
Thomas Johnson, P.E. Managing Partner





T-Mobile antenna array.



Cabling running to equipment cabinet.



PPC breaker panel with new 100A breaker (Lower right breaker)



Equipment area with PPC & equipment cabinets.



3106 cabinet with 6131 upgrade.