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Please Reply To:
Sam Simons
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Mobile.com

March 2, 2016

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

EM-T-MOBILE-152-150629
T-Mobile Site ID CTNL021D
35 South Bartlett Rd, Waterford 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 coax and TMA in accordance with the structural analysis report prepared by FDH Velocitel date/stamp June 15, 2015 by Dennis Abel;
- Within 45 days following completion of the equipment installation, T-Mobile shall provide documentation that its installation complied with the recommendations of the structural analysis;
- 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 July 20, 2016 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 29, 2015.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

CC: Mark Richard, T-Mobile

Final Report of Special Inspections

Project: *T-Mobile 700MHz – NL021/SBA Waterford FT (CTNL021D)*
Building Permit: *B-15-460*
Exempt Mod. No. *EM-T-MOBILE-152-150629*
Location: *35 South Bartlett Road
Waterford, CT*
Owner: *T-Mobile Northeast, LLC*
Owner's Address: *35 Griffin Road South
Bloomfield, CT 06002*
Engineer of Record: *Jesse Moreno (civil)
ProTerra Design Group, LLC*

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-F), the equipment manufacturer's installation guidelines, and the following:

1. Final Construction Drawings prepared by ProTerra Design Group, LLC revised through June 19, 2015.
2. Passing Structural Analysis prepared by FDH Velocitel dated June 15, 2015

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.

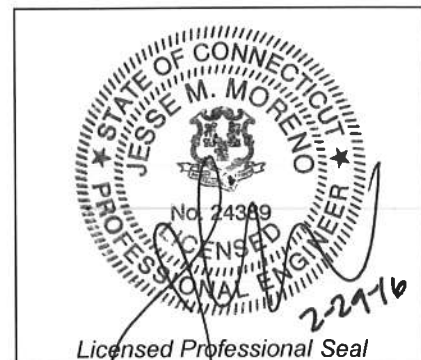
Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,
ProTerra Design Group, LLC

Jesse Moreno, P.E.
(Type or print name)


Signature

2-29-14
Date





PREPARED BY: ProTerra Design Group, LLC
 4 Bay Road
 Building A; Suite 200
 Hadley, MA 01035
 413-320-4918

SUBMITTED TO: Peter Nute
 SBA Communications Corp.
 134 Flanders Road
 Suite 125
 Westborough, MA 01581

FIELD INSPECTION REPORT	
DATE February 23, 2016	JOB # 15-001
PROJECT T-Mobile L700 Alteration (Building Permit #B-15-460) T-Mobile Site Name: NL021/SBA Waterford FT T-Mobile Site No.: CTNL021D 35 South Bartlett Road Waterford, CT	
CONTRACTOR Northeast Towers, Inc.	OWNER T-Mobile Northeast, LLC
WEATHER Clear, 45° F	TIME 1:00 PM
PRESENT AT SITE Victor Moreno	ORGANIZATION Contractor for ProTerra Design Group, LLC

Pursuant to the 2005 State building Code supplement to the IBC 2003 Section 109 *Inspections* the following is a report documenting the construction which has been completed to date at the above-mentioned site. The following report documents the visual inspection from ground level of completed construction for general conformance with **T-Mobile L700 Alteration** construction drawings by ProTerra Design Group, LLC.

The following items have been completed:

- 1) Three existing standoff arms (one per sector) have been rotated on the tower leg to the proposed antenna azimuths. Three sector frames (one per sector) have been rotated on the distal standoff arm vertical pipes to be perpendicular to the standoff arms. The sector frames have been vertically centered on the distal standoff arms.
- 2) Three stiff arm kits (one per sector) have braced the position one pipe mount to the tower leg.
- 3) Three existing panel antennas (one per sector) have been vertically centered on the sector frames.
- 4) Sector frame mounting pipe crossover clamps have been repositioned to be between the standoff arms.
- 5) Three existing pipe masts (one per sector) have not been removed as shown on the construction drawings. This omission is acceptable.
- 6) Three new 2-1/2" (2-7/8" O.D.) pipe mounts (one per sector) have been secured to the existing standoff vertical mounting pipe with heavy duty Commscope pipe-to-pipe clamp kits.
- 7) Three panel antennas (one per sector) were added on the new pipe mounts. The antennas are vertically centered on the sector frames.
- 8) Three RRUs (one per sector) have been added to 2-1/2" (2-7/8" O.D.) pipe mounts secured to the standoff arm with crossover clamps.
- 9) RAN equipment has been added inside the existing 3106 cabinet.

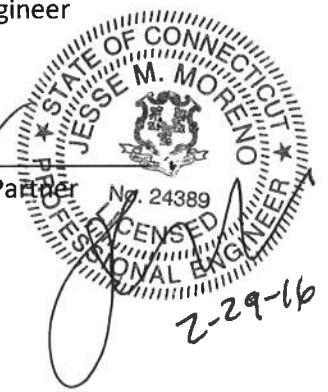
- 10) The existing 60 amp 2 pole breaker for the existing 3106 cabinet has not been replaced with an 80 amp breaker as shown on the construction drawings. The wire is of appropriate size for the breaker.
- 11) New components were connected to the existing ground system.
- 12) Site is clean.

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.

COPIES TO: File

SUBMITTED: 
Michael Visniewski, Project Engineer

REVIEWED: 
Jesse Moreno, P.E. Managing Partner





Typical sector showing new panel antenna and RRU (center) and existing panel antennas (left and right)



Typical sector from above
(photo provided by contractor)



RRU pipe mount attachment to sector frame
(photo provided by contractor)



New pipe mount attachment to existing sector frame
(photo provided by contractor)



RAN equipment within 3106 cabinet
(photo provided by contractor)