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Please Reply To:  
Sam Simons  
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January 29, 2016

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

**EM-T-MOBILE-102-150417**

T-Mobile Site ID CT11266A  
118 Wintechog Hill Road, North Stonington 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 in accordance with the structural analysis report prepared by American Tower Corporation, dated March 5, 2015 and stamped/dated March 11, 2015 by William Garrett;
- 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 Northeast LLC 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 January 26, 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 September 22, 2015.

Sincerely,

*Sam Simons*

Samuel Simons, T-Mobile

Date: **January 26, 2016**

Sam Simons  
Engineering Development - Connecticut  
T-Mobile  
35 Griffin Road South  
Bloomfield, CT 06002

Paul J Ford and Company  
250 E. Broad St., Suite 600  
Columbus, OH 43215  
614-221-6679

**Subject: Post Construction Review**

**Carrier Designation:**

**T-Mobile Co-Locate**

**Carrier Site Number:**

CT11266A

**Siting Council ID:**

EM-T-Mobile-102-150417

**Engineering Firm Designation:**

**Paul J Ford and Company Project Number: 79916-0007.001.8100**

**Site Data:**

**118 Wintechog Hill Road, North Stonington, CT  
250 Foot – Self Support Tower**

Dear Sam Simons,

*Paul J. Ford and Company* has completed a post-construction review per the requirements of the Connecticut Siting Council. The purpose of the letter is to verify that the proposed antennas listed in Table 1 (next page) have been installed. The review is consistent with the guidelines as stated in the 2005 Connecticut Building Code and the TIA/EIA-222-F Structural Standards for Steel Antenna Towers and Antenna Supporting Structures using a fastest mile wind speed of 85 mph, 74 mph with 1/2 inch ice thickness and 50 mph under service loads.

Based on a comparison of the verified proposed loading (shown Table 1 & 2) versus the previous analysis loads (including wind speeds) from American Tower [project number 61355221 dated March 5, 2015] we have determined that loading is similar and should not change the analysis concluded by others.

Based upon a review of the photos provided, it appears that the antennas and equipment listed in Table 1 have been installed.

We at *Paul J. Ford and Company* appreciate the opportunity of providing our continuing professional services to you. If you have any questions or need further assistance on this or any other projects please give us a call.

Respectfully submitted by:

Jared Smith, E.I.  
Structural Designer

**Table 1 - Proposed Antenna and Cable Information**

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
225.0	222.0	3	commscope	LNX-6515DS	1	1-5/8	-
		3	ericsson	RRUS 11 (Band 12)			

Notes:

- 1) Verified antenna/coax installation heights and quantities

**Table 2 - Existing Antenna and Cable Information**

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
250.0	250.0	2	decibel	DB806-A	22 1	1-5/8 1/2	1
		9	decibel	DB980H90E-KL			
		3	-	Sector Frames			
232.0	238.5	1	-	15'x3'x3' FM	1	1-5/8	1
225.0	222.0	3	ericsson	AIR 21,1.3M, B4A B2P	13	1-5/8	1
		3	ericsson	AIR 21,1.3M, B2A B4P			
		3	ericsson	KRY 112 144/1			
	225.0	-	Sector Frames				
210.0	210.0	12	andrew	SMR08-09012-0D	3	1/2	1
		3	-	Sector Frames	1	7/8	
192.0	193.0	1	scala	OGB6-928D	3	1/2	1
	192.0	1	-	Side Arm	1	7/8	
169.0	175.0	1	raycap	DC6-48-60-18-8F	2 12 1 1	0.78 1-5/8 3" Conduit 0.39"	1
		1	andrew	SBNH-1D6565C			
		1	powerwave	P65-17-XLH-RR			
		1	kmw	AM-X-CD-14-65-00T-RET			
		6	ericsson	RRUS-11 19900 MHz			
		6	allgon	7770.00			
		6	lgp	LGP21903			
	6	powerwave	LGP17201				
169.0	169.0	3	-	Sector Frames			
162.0	162.0	1	scala	PR-850	1	1/2	1
155.0	155.0	6	kathrein	800 10504	12 6	1-5/8 3/8	1
		6	kathrein	860 10025			
		3	-	Sector Frames			
123.0	123.0	1	-	8' Omni	1	0.28	1
		1	-	Side Arm	1	7/8	
82.0	82.0	1	-	4' Dish	1 1	1/2 EW52	1
75.0	75.0	1	-	2'x4' Grid Dish	1	7/8	1
61.0	61.0	1	-	4' Dish	-	-	1

Notes:

- 1) Existing Equipment