

•T• •Mobile•

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 29, 2015

Attorney Melanie Bachman  
Acting Executive Director  
Connecticut Siting Council Ten  
Franklin Square  
New Britain, CT 06501

**EM-T-MOBILE-008-150420**  
T-Mobile Site ID CTNH217A  
9 Meyers Road, Bethany CT  
Notice of Compliance with Conditions and Construction Completion

Dear Attorney Bachman:

The Connecticut Siting Council ("Council") acknowledged the above referenced T-Mobile Northeast LLC ("T-Mobile") notice of exempt modification on June 15, 2015. The Council imposed the following condition in its acknowledgment:

- Within 45 days following completion of the equipment installation, T-Mobile shall provide documentation certified by a Professional Engineer that the tower loading does not exceed **100 percent**;
- Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgment 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 December 18, 2015, 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 3, 2015.

Please don't hesitate to contact me with any questions.

Sincerely,

*Sam Simons*

Samuel Simons, T-Mobile

CC: Mark Richard, T-Mobile



Date: December 18, 2015

Mark Appleby  
Northeast Site Solutions  
T-Mobile  
199 Brickyard Rd  
Farmington, CT 06032

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:** CTNH217A  
**Siting Council ID:** EM-T-Mobile-008-150420

**Engineering Firm Designation:** Paul J Ford and Company Project Number: 79915-0043.001.8100

**Site Data:** 93 Old Amity Road, Bethany, New Haven County, CT  
337.5 Foot – Self Support Tower

Dear Mark Appleby,

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 with no ice, 74 mph with 0.75 inch ice thickness and 50 mph under service loads.

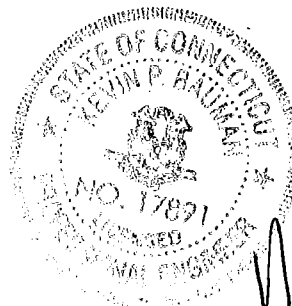
Based on a comparison of the verified proposed loading (shown Table 1 & 2) versus the previous analysis loads (including wind speeds) from American Tower (job number 61396221 dated March 31, 2015) we have determined that loading is similar and should not change the analysis concluded by others.

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:

Joshua Johnson  
Structural Designer KJS



Handwritten signature and date: 12-10-2015

**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
220.0	222.0	6	KMW	Smart Bias-T	-	-	1
		3	Andrew	LNx-6515DS-A1M			

**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
338.0	344.0	1	Rohde & Schwarz	ADD090	3	7/8	1
	338.0	1	-	Platform w/ Handrails			
320.0	320.0	1	-	Catwalk	-	-	1
319.0	326.0	1	Kathrein	750 10074	1	1-5/8	1
	319.0	1	-	Strand Off			
310.0	320.0	1	Sinclair	SC281-L	2	7/8	1
	315.0	1	Sinclair	SC381-HL			
	310.0	1	-	Sector Frame			
287.5	287.5	1	-	Rest Platform	-	-	1
275.0	285.0	1	Sinclair	SC281-L	1	7/8	1
	275.0	1	-	Sector Frame			
250.0	250.0	12	Decibel	DB844H90E-XY	12	1-5/8	1
		1	-	Sector Frame			
240.0	240.0	3	Alcatel Lucent	800MHz 2X50W RRH w/ Filter	4	1-1/4	1
		3	Alcatel Lucent	1900MHz 4x45 RRH			
		3	Alcatel Lucent	TD-RRH8x20-25 w/ Solar Shield			
		3	RFS	APXV9TM14-ALU-I20			
		3	RFS	APXVSP18-C-A20			
		1	-	Sector Frame			
237.0	237.0	1	-	Working Platform	-	-	1
220.0	222.0	3	RFS	APX16PV-16PVL-E-00	-	-	2
		6	Commscope	TMA-DB1921-DD-A			
	220.0	1	-	Sector Frame			
200.0	200.0	1	-	Rest Platform	-	-	1
194.0	204.0	1	Andrew	DB616E-BC	1	1-1/4	1
	194.0	1	-	Side Arm			

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
180.0	180.0	6	RFS	FD9R6004/1C-3L	12	1-5/8	1
		3	Rymosa	MGD3-800TX			
		6	Andrew	DB844H90E-XY			
		3	Powerwave	P65-16-XL-2			
		1	-	Sector Frame			
165.0	165.0	3	Powerwave	LGP21901	12 2 1 1	1-5/8 0.78 3" Conduit 0.39	1
		3	Raycap	DC2-48-60-0-9E			
		6	Powerwave	LGP21401			
		1	Raycap	FC12-PC6-10E			
		6	Ericsson	RRUS 11 (Band 12)			
		6	Powerwave	7770.00			
		1	KMW	AM-X-CD-16-65-00T-RET			
		2	Andrew	SBNH-1D6565C			
1	-	Sector Frame					
150.0	150.0	1	-	Rest Platform	-	-	1
125.0	125.0	1	-	Working Platform	-	-	1
100.0	100.0	3	RFS	APXV18-206517S-C	6	1-5/8	1
48.0	48.0	1	PCTEL	GPS-TMG-HR-26N	1	1/2	1
		1	-	Standoff			
20.0	20.0	1	Nortel	NTGB01MA	1	7/8	1
		1	-	Standoff			

Notes:

- 1) Existing Equipment
- 2) Equipment To Be Removed