



March 13, 2023

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

EM-T-MOBILE-088-210528

T-Mobile Site ID CTNH305B
0 Clark Hill Road, Naugatuck, CT

Notice of Compliance with Conditions and Construction Completion

Dear Attorney Bachman:

The T-Mobile site referenced above was approved by The Connecticut Siting Council (Council) on January 28, 2021 as an Exempt Modification. T-Mobile is now requesting the close out of the approval and hereby acknowledges the following conditions were met:

1. Prior to T-Mobile's antenna installation, the structural modifications shall be installed in accordance with the Structural Analysis prepared by Stainless, dated April 14, 2021 and stamped and signed by Krystyn M. Perez;
2. Within 45 days following completion of equipment installation, T-Mobile shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations of the Structural Analysis;
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;



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5. The Council shall be notified in writing at least two weeks prior to the commencement of site construction activities;
6. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
7. 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;
8. The validity of this action shall expire one year from the date of this letter; and
9. 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 5, 2023 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 was completed as of March 31, 2022.

Sincerely,

Victoria Masse

Victoria Masse
Zoning and Permitting
Northeast Site Solutions



Engineering Review Letter

For

**FDH Stainless Report: 350821
280-ft Guyed Tower Modification, Waterbury, CT**

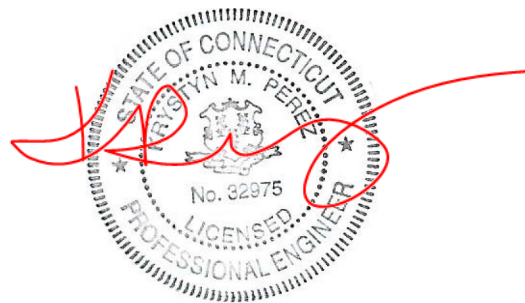
Dated 1/5/2023

for

Northeast Site Solutions
Attention: Victoria Masse
420 Main Street Unit 1, Box 2
Sturbridge, MA 01566

Phil Chen, PE
Project Engineer IV
FDH Stainless

Krystyn Perez, PE
Vice President, Engineering
FDH Infrastructure Services, LLC



01-12-2023

STAINLESS
A Business of FDH Infrastructure Services, LLC
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A. SCOPE OF ENGINEERING REVIEW WORKS

In accordance with FDH Stainless Proposal No: P22_3508_001, dated 7/13/2022, FDH Stainless has performed a post modification engineering review for the following modification works:

- a. Reinforcement of tower base foundation.
- b. Guy wires initial tensions.
- c. Installation of additional horizontal sub-bracing members at the midpoints of the following bays:

Location	Numbers of Bays
229.0' to 241.0'	3

- d. Replacement of existing diagonal braces with new, higher capacity members at the following bays:

Location	Numbers of Bays
5.0' to 9.0'	1
37.0' to 45.0'	2
129.0' to 141.0'	3
149.0' to 153.0'	1
205.0' to 209.0'	1
221.0' to 225.0'	1

Post modification engineering review was limited to this area of the tower alone.

B. REFERENCE DOCUMENTS

- 1. The tower modification design drawing package, Report 350819, dated 04/15/2021, compiled by FDH Stainless, was utilized as a reference document for proper installation of the modification materials.
- 2. Foundation Modification Pictures Provided by Northeast Site Solutions, total eleven (11) pictures.
- 3. Pictures for new sub-horizontal bracing member and new diagonal bracings members provided by Northeast Site Solutions, total one hundred fifty-eight (158) pictures.
- 4. Email from Victoria Masse of Northeast Site Solutions dated 1/3/2023, with attachments of modification material details.

C. CONCLUSIONS

The review results indicated that tower modification in Item Aa, Item Ac and Item Ad above are correctly installed in accordance with tower modification design drawings package, Report 350819, dated 04/15/2021 compiled by FDH Stainless.

D. NOTES/COMMENTS

1. Per Northeast Site Solutions provided information, the tower base foundation was reinforced by Northeast Site Solutions around 11 years ago. Tower base soil bearing capacity, concrete shear and rebar bending capacities are adequate per final modified base foundation dimensions provided by Northeast Site Solutions. The new and old concrete connection details are not reviewed due to lack of information.
2. Guy wires initial tensions are not reviewed due to not guy tensions provided.