



November 16, 2022

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

**EM-T-MOBILE-011-220428**

T-Mobile Site ID CT11278A

28 Brewer Drive, Bloomfield, 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 June 13, 2022 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, antenna mount modifications shall be installed in accordance with the Mount Analysis prepared by Trylon dated March 24, 2022 and stamped and signed by Cliff Abernathy;
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 Mount Analysis;
3. Any deviation from the proposed modification as specified in this notice and supporting materials submitted to 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;
5. The Council shall be notified in writing at least two weeks prior to the commencement of site construction activities;



**NSS** **NORTHEAST**  
SITE SOLUTIONS  
*Turnkey Wireless Development*

6. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
7. Deployment of any 5G services must comply with FCC and FAA guidance relative to air navigation, as applicable;
8. Any nonfunctioning antenna and associated antenna mounting equipment, or other equipment at this facility owned and operated by T-Mobile shall be removed within 60 days of the date the antenna or equipment ceased to function;
9. The validity of this action shall expire one year from the date of this letter; and
10. 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 November 15, 2022 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 July 22, 2022.

Sincerely,

*Victoria Masse*

Victoria Masse  
Zoning and Permitting  
Northeast Site Solutions



## Structural Opinion Letter

November 15, 2022

Project Information	
Client	Northeast Site Solutions
Carrier Name	T-Mobile
Carrier Site ID	CT11278A
Carrier Site Name	Bloomfield/DTWN
Site Address	28 Brewer Dr., Bloomfield, CT 06002
Site Coordinates	41.83516, -72.74120
Structure Type	Equipment Pad
Equipment Type	Generator
Equip. Elevation	At Grade

**STRUCTURE RATING =**

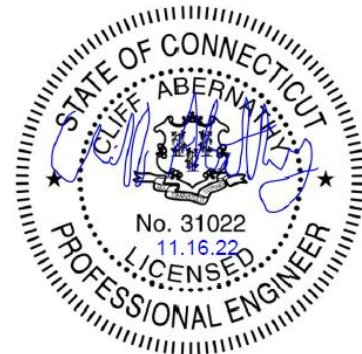
**ADEQUATE**

Analysis Performed by:

Michael S. Moore

Reviewed and Approved by:

Cliff Abernathy, P.E.



## Structural Opinion Letter

**Subject:** Evaluation of Proposed Generator on an Existing Equipment Pad

Dear Northeast Site Solutions,

The proposed modification at the referenced site includes installing a new diesel generator on an existing equipment pad within the compound. The existing pad supporting the equipment has been evaluated and found to have sufficient capacity to support the load imposed by the new generator. This evaluation does not include an analysis of the connecting hardware.

The proposed loading consists of (1) Generac RD0048 diesel generator and will not create a significant increase in load on the supporting structure.

This assessment is a professional opinion only. This opinion shall not be construed as a full structural analysis of the existing equipment pad. The purpose of this assessment is to provide consulting services and advise whether the existing equipment pad should be further investigated for structural integrity. A further structural investigation would consist of calculations and computer modeling of the equipment pad in accordance with the latest building code.

### 1. Source Data

Document Type	Source	Reference	Date
Sketches & Photos	Trylon	Site No: CT11278A	June 20, 2022
Construction Drawings	Trylon	Site No: CT11278A	July 8, 2020

### 2. Analysis Criteria

Adopted Codes and Site Parameters	
Building Code / Local Code	2021 IBC
Code Standard	ASCE 7-16/ TIA-222-H
Design Wind Speed (mph)	116
Design Ice Wind Speed (mph)	50
Design Ice Thickness (in)	1.5
Risk Category/Structure Class	II
Exposure Category	C
Topographic Factor, $K_{zt}$	1.0
Seismic Response Acceleration, $S_s$ (g)	0.181
Seismic Response Acceleration, $S_1$ (g)	0.055

### 3. Assumptions

- 1) We assume that the structure has been studied for structural integrity and that the carrier equipment has been included in any structural study indicating that the equipment pad is adequate to support its overall and total load.
- 2) The connecting hardware has appropriate strength and that it has been proven adequate to support the existing loading.
- 3) All structural members and their connections are in good condition and are free of defects with no deterioration to their structural capacities.

This assessment may not be valid if any of the assumptions and statements are found not to be accurate and Trylon should be contacted immediately.

### 4. Conclusions and Recommendations

The change in loads due to the proposed carrier equipment is not significant to the overall structure loading. Therefore, it is our opinion that the structural integrity of the Existing equipment pad wall will *not* be compromised by the modification of the equipment.

Should you have any questions, comments, or require additional information, please do not hesitate to call.

Sincerely,

Assessment Performed by:

Michael S. Moore

Reviewed and Approved by:

Cliff Abernathy, P.E.