



June 29, 2021

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

EM-T-MOBILE-139-190829
T-Mobile Site ID CT11545A
2715 Mountain Road, Suffield 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:

1. Prior to T-Mobile's antenna installation, antenna mount modifications shall be installed in accordance with the Mount Analysis Report prepared by B+T Group, dated July 28, 2019 and stamped and signed by Scott Vance;
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 Mount Analysis Report;
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;
5. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
6. 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;
7. The validity of this action shall expire one year from the date of this letter; and
8. 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 March 17, 2021 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 12, 2020.

Sincerely,

Victoria Masse

Victoria Masse
Zoning and Permitting
Northeast Site Solutions

March 17, 2021

Christian Harrington
Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
(724) 416-2000



B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630
btwo@btgrp.com

Subject: Post Modification Inspection Report

Carrier Designation: T-Mobile Equipment Change-Out
Carrier Site Number: CT11545A
Carrier Site Name: CT545/Crown Suffield

Crown Castle Designation: **Crown Castle BU Number:** 801485
Crown Castle Site Name: CT Suffield 1 CAC 801485
Crown Castle JDE Job Number: 576458
Crown Castle Order Number: 494420, Rev.0

Engineering Firm Designation: B+T Group Report Designation: 84855.015.01_REV

Site Data: 2715 Mountain Rd, Suffield, CT 06093, Hartford County
Latitude 42° 0' 41.80" Longitude -72° 43' 43.60"

Structure Information: **Tower Height & Type:** 190.5 ft. Monopole
Mount Elevation: 180 ft.
Mount Type: 13 ft. T-Arm Mount

Dear Christian Harrington,

B+T Group is pleased to submit this “**Post Modification Inspection Report**” (PMI Report) to Crown Castle for the mount modification at the above-mentioned site. The purpose of this PMI Report is to confirm that the mount modification and workmanship are in accordance with the contract document(s) listed in Table 1. The PMI Report is not a review of the adequacy or effectiveness of the modification/reinforcement solution.

Table 1 – Documents

Document	Remarks	Source
Mount Modification Report by B+T Group	Job #: 84855.013.01 Dated: 07/28/2019	On File
Mount Analysis by B+T Group	Job #: 84855.010.01 Dated: 07/11/2019	
Site Visit Photos	Dated: 01/04/2021	--

Based on our inspection, B+T Group determines this project:

PASSING PMI

The configuration, materials and/or workmanship of the modifications are installed in accordance with the Contract Documents and no deficiencies were found.

PASS AS NOTED PMI

The configuration, materials and/or workmanship of the modifications are accepted as noted. (See detail below).

FAILED PMI

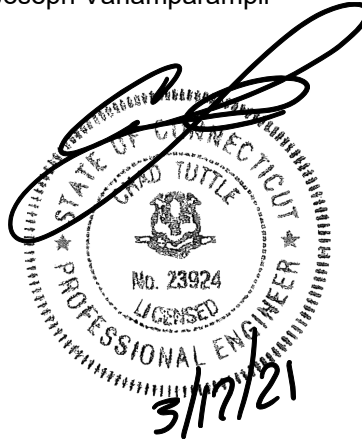
The configuration, materials and/or workmanship of the modifications are NOT installed in accordance with the Contract Documents (Ref. POST MODIFICATION PHOTOGRAPHS).

We at *B+T Group* appreciate the opportunity of providing our continuing professional services to you and Crown Castle. If you have any questions or need further assistance on this or any other projects, please give us a call.

Post Modification Inspection Report prepared by: Joseph Variampampil

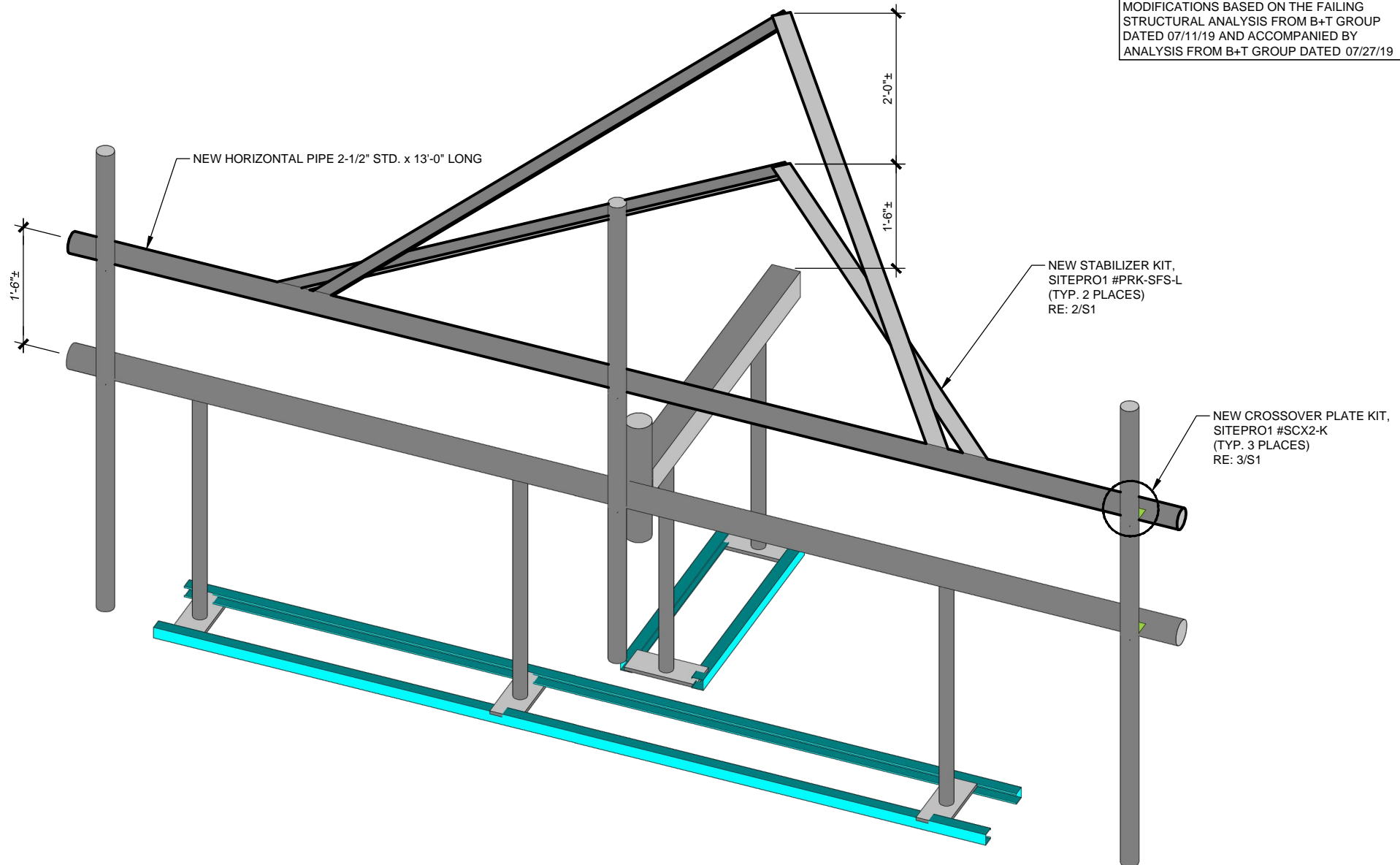
Respectfully submitted by: B&T Engineering, Inc.
COA: PEC.0001564 Expires: 2/10/2022

Chad E. Tuttle, P.E.



MOUNT MODIFICATION DRAWINGS

MODIFICATIONS BASED ON THE FAILING STRUCTURAL ANALYSIS FROM B+T GROUP DATED 07/11/19 AND ACCOMPANIED BY ANALYSIS FROM B+T GROUP DATED 07/27/19



GENERAL NOTES

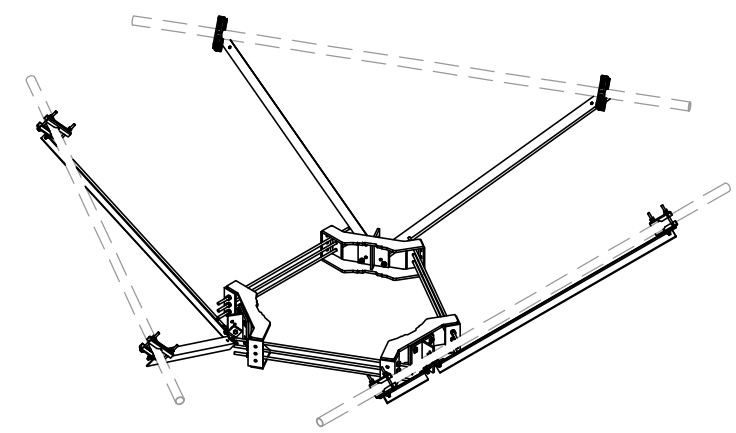
- 1.1 CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE MOBILIZING ON THE SITE FOR INSTALLATION OF THE MOUNT MODIFICATION AND SHALL NOTIFY THE ENGINEER OF RECORD IF THE FIELD CONDITIONS VARY FROM WHAT IS SHOWN ON THE DRAWINGS. IN ADDITION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO MOBILIZING AT THE SITE IF THE MOUNT REINFORCEMENT SHOWN WILL NEED TO BE REVISED TO SATISFY FIELD CONDITIONS
- 1.2 CONTRACTOR SHALL RELOCATE NON-ANTENNA EQUIPMENT ALONG THE EXISTING PIPE MOUNT THAT IT IS MOUNTED TO, TO ALLOW FOR INSTALLATION OF MOUNT REINFORCEMENT. ENGINEER OF RECORD WILL BE NOTIFIED IF NON-ANTENNA EQUIPMENT NEEDS TO BE RELOCATED TO ANY OTHER EXISTING MEMBERS TO ALLOW FOR INSTALLATION OF MOUNT MODIFICATION.
- 1.3 MODIFICATION SHALL BE COMPLETED PRIOR TO ADDING THE PROPOSED APPURTENANCES.
- 1.4 ALL WORK SHALL COMPLY WITH THE TIA-222-H STANDARD, TIA-1019-A STANDARD, AS WELL AS ANY OTHER GOVERNING BUILDING CODES.
- 1.5 FIELD WORK WILL BE DONE AROUND EXISTING COAXIAL CABLE AND EQUIPMENT. ALL WORK SHALL BE DONE IN A MANNER SUCH THAT NO DAMAGE OCCURS TO THE EXISTING EQUIPMENT OR THE STRUCTURE.
- 1.6 A MINIMUM OF TWO COATS OF ZINGA COLD GALVANIZING COMPOUND (OR APPROVED EQUIVALENT) SHALL BE APPLIED TO ANY FIELD CUTS OR FIELD DRILLED HOLES.
- 1.7 THE USE OF A GAS TORCH OR WELDER WILL NOT BE PERMITTED ON THE TOWER WITHOUT THE CONSENT OF THE OWNER.
- 1.8 ALL FIELD CONNECTIONS SHALL BE MADE WITH A325N BOLTS, U.N.O.
- 1.9 IN LIEU OF TEMPORARY BRACING, CONTRACTOR MAY HAVE A STABILITY ANALYSIS PERFORMED BY AN ENGINEER LICENSED IN THE STATE THE TOWER IS LOCATED. THE ANALYSIS SHALL USE A MINIMUM WIND SPEED OF 45 mph (3-SEC) PER TIA-1019.
- 1.10 ALL CUTTING AND WELDING ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH CCUSA POLICY "CUTTING AND WELDING PLAN" (DOC #ENG-PLN-10015) ON AN ONGOING BASIS THROUGHOUT THE ENTIRE LIFE OF THE PROJECT.
- 1.11 DIMENSIONS WITH "±" MUST BE WITHIN 3" OF THE INDICATED DIMENSION.

FABRICATION

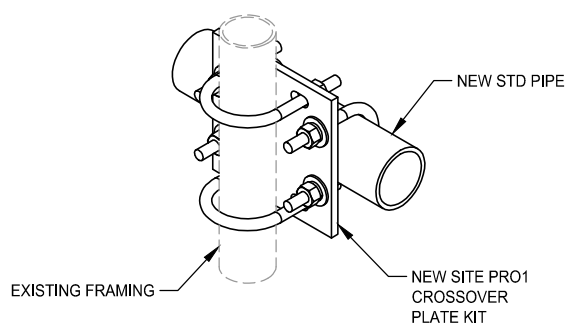
- 2.1 ALL WORK SHALL BE DONE IN ACCORDANCE WITH A.I.S.C. "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS."
- 2.2 STRUCTURAL STEEL SHALL MEET THE FOLLOWING SPECIFICATIONS:

	YIELD	ASTM SPECS
STEEL PIPE, U.N.O.	35ksi	A53 GR.B
- 2.3 ALL NEW MATERIAL INCLUDING STRUCTURAL STEEL AND FASTENERS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 AND A153.
- 2.4 WELDING SHALL MEET ANSI/AWS D1.1 STRUCTURAL WELDING CODE (LATEST REVISION). ELECTRODES SHALL BE E80 SERIES.
- 2.5 CONTRACTOR SHALL PROVIDE SHOP FABRICATION DRAWINGS TO B+T GROUP 5 DAYS PRIOR TO FABRICATION.

1 MODIFIED T-ARM MOUNT (TYP. ALL SECTORS)
SCALE: N.T.S.



2 SITE PRO1 PRK-SFS-L REINFORCEMENT KIT
SCALE: N.T.S.



3 SITE PRO1 SCX2-K CROSSOVER PLATE KIT
SCALE: N.T.S.

B+T GRP
1717 S. BOULDER
SUITE 300
TULSA, OK 74119
PH: (918) 587-4630
www.btgrp.com

T-Mobile

CROWN CASTLE

CT SUFFIELD 1
CAC 801485
2715 MOUNTAIN RD
SUFFIELD, CT 06093
HARTFORD
EXISTING T-ARM
AT 180'-00"

PROJECT NO: 84855.013.01
CHECKED BY: JV

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION
0	07/27/19	PMS	CONSTRUCTION

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/20

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER: S1	REVISION: 0
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POST MODIFICATION PHOTOGRAPHS

Photo	Remarks
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