

Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

January 10, 2020

Melanie A. Bachman Executive Director Connecticut Siting Council 10 Franklin Square New Britain, CT 06051



RE: Construction Close Out – BU 876360 APP 397067

389 Route 2, Preston, Connecticut

EM-SPRINT-114-180613



Dear Ms. Bachman:

This letter is to confirm that all construction activity has been completed pursuant to the conditions of approval as stated in the Council's decision dated **July 2, 2018**. Furthermore, enclosed please find the modification inspector report pursuant to conditions of approval numbers one and two.

Please contact me should you have any questions.

Sincerely,

Anne Marie Zsamba

Network Real Estate Specialist 3 Corporate Park Drive, Suite 101

Clifton Park, NY 12065

(201) 236-9224

AnneMarie.Zsamba@crowncastle.com

**Engineered Tower Solutions, PLLC** 3227 Wellington Court Raleigh, NC 27615

Office: (919) 782-2710 Kyle.Evans@ets-pllc.com

Date: December 18, 2018

Dan Vadney Crown Castle USA, Inc. 3 Corporate Park Drive Suite 101 Clifton Park, NY 12065

Subject:

**Modification Inspection Report** 

**Crown Castle Designation:** 

**Crown Castle BU Number:** 

876360

ENGINEERED TOWER SOLUTIONS, PLLC

**Crown Castle Site Name:** 

Preston / Town Hall

**Crown Castle JDE Job Number:** 

447234

Engineering Firm Designation:

**Engineered Tower Solutions, PLLC Project Number: 184148** 

Site Data:

389 Rt. 2, Preston, CT, New London County 06365

Latitude 41° 29' 25.25", Longitude -71° 59' 29.55"

147 Foot - Monopole Tower

Engineered Tower Solutions, PLLC is pleased to submit this "Modification Inspection Report" (MI Report) to Crown Castle for the modification/reinforcement to the subject structure. This Modification Inspection (MI) was performed in accordance with Crown Castle CED-SOW-10007 Modification Inspection SOW, Contract Documents, and Crown Castle Purchase Order number 1254101. The purpose of this MI is to confirm that the modification installation configuration and workmanship are in accordance with the contract document(s) listed in Table 2. The MI is not a review of the adequacy or effectiveness of the modification/reinforcement solution.

Table 1 – General Information

	Company	Contact	Dates on Site
MI Vendor	Engineered Tower Solutions, PLLC	Kyle Evans, PE, CWI	N/A
MI Crew Lead	Engineered Tower Solutions, PLLC	Bryson Williams	12/11/2018
Assistant Inspector	Engineered Tower Solutions, PLLC	Jake Kramer	12/11/2018
			□ EOR

Table 2 - Documents

Document(s)	Remarks	Source
Tower Modification drawings; 4/10/2018 TEP Job #: 25620.161151	Aaron Thomas Rucker; WO#: 1532088 Application ID: 397067 Rev. 1	CCI Sites Doc Number: 7474716

Based on our inspection, Engineered Tower Solutions, PLLC determines this project:

## **☒ PASSING MI**

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

## ☐ FAILING MI

The configuration, materials and/or workmanship of the modifications are <u>NOT</u> installed in accordance with the Contract Documents. The rejection is based on non-conformance in the following area(s):

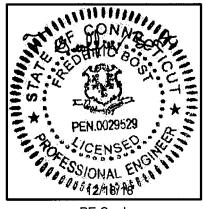
- ☐ Materials (see detail below)
- ☐ Workmanship (see detail below)
- ☐ Configuration (see detail below)

ANY DEVIATIONS FROM ORIGINAL DESIGN OR MI CHECKLIST REQUIREMENTS THAT HAVE BEEN APPROVED SHALL BE NOTED HERE:

- · used AJAX bolts in place of forge which was called out in the shop drawings. EOR APPROVED
- MTR called out A1011-17 instead of A-36 is this acceptable since they have the same principles. EOR APPROVED
- . Metal shavings and sheared bolt heads left in the compound. CROWN APPROVED
- Only flat 5 channel from CCI document 3846963 and baseplate stiffeners that interfered with the installation of the new stiffeners
  off CCI document 2331612 were removed from the tower. All other pieces of these mods remained. EOR APPROVED
- Welds across the toe of the stiffeners were present on flats 4 and 13, the weld symbol does not indicate a weld at this location.
- Tower signage was left behind the newly installed flat plate, only (1) sign was reinstalled. CROWN APPROVED
- Plates were not centered on the flats, level 1 flat 3 runs along the left edge due to the location of a port on flat 4, level 1 flat 5 starts on the right edge and ends on the left edge. EOR APPROVED
- 5/16" shims were installed without being welded to the flat plate at 32' 67' on flats 4, 10, 15, and 18 and at the splice at 84' 11" on all flats. EOR APPROVED
- Intermediate spacing bolts were incorrect at flat 16 87' 91' (21" space below, 19" space above), 92.16'-113.7' spacing is 20", while plans specify 24". CROWN APPROVED
- Step pegs were not installed at the following locations 31' 36; on the left side; 104' 108' 6" on the left and 109' 115' 6" on the right. CROWN APPROVED step pegs to be installed at a later date.
- Flat plates ended at 113' 8" due to porthole. CROWN APPROVED

We at Engineered Tower Solutions, PLLC 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.

Respectfully submitted,



PE Seal