

...T...Mobile



ENGINEERING FINAL AFFIDAVIT
L600 Upgrade

CT11338A
Route 2/Colchester West/SBA

ADDRESS:
48 Westchester Road
Colchester, CT 06415

DATE:
August 15, 2022



Civil • Structural • Land Surveying

R.K. Executive Centre ■ 201 Boston Post Road West ■ Suite 101 ■ Marlborough, MA 01752

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August 15, 2022

T-Mobile Northeast LLC

15 Commerce Way, Suite B
Norton, MA 02766

Reference: **Engineering Field Visit and Completion Affidavit**
Site CT11338A – Route 2/Colchester West/SBA
48 Westchester Road, Colchester, CT 06415
CEA Job Number 1815.074

Site Description:

The site is located at an existing telecommunications compound in Colchester, Connecticut. The site includes ground level equipment mounted to a concrete pad, as well as antennas, RRHs & ancillary equipment mounted to the monopole on a modified mounting platform. (3) New panel antennas & (6) new RRHs mounted to the modified mounting platform (design by Tower Engineering solutions, dated 07/26/2019) on the existing monopole. (3) New signal cables run along the existing cable path from the equipment area to the antenna arrays. New radio equipment was installed within the existing radio equipment cabinet mounted to the existing concrete pad. All the new equipment was tied into the existing ground system on site. Existing site telco & power were utilized for the upgrade.

Engineering Field Visit

Based on photographs taken by installation personnel between April-May 2022, Chappell Engineering Associates, LLC (CEA) has verified the newly installed T-Mobile equipment described above is in general conformance to the engineering construction documents (Revision #2 "Construction Revised" dated 04/20/21). The following site photos and field visit form documents the installation, and the enclosed Final Construction Control Document is attached as requested.

Very truly yours,
CHAPPELL ENGINEERING ASSOCIATES, LLC



Clement J. Salek, P.E.

Final Report of Special Inspections

Project: *CT11338A - Route 2/Colchester West/SBA*

Location: *48 Westchester Road, Colchester, CT 06415*

Owner: *Marcus Properties LLC C/O SBA Towers, LLC*

Owner's Address: *8051 Congress Avenue
Boca Raton, FL 33487*

Architect of Record: *Chappell Engineering Associates*

Structural Engineer of Record: *Chappell Engineering Associates*

To the best of my information, knowledge and belief, the Special Inspections required for this project, and itemized in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved other than the following:

Comments: *Based on photographs taken by installation personnel between April-May 2022, Chappell Engineering Associates, LLC (CEA) has verified the newly installed T-Mobile equipment is in general conformance to the engineering construction documents (Revision #2 "Construction Revised" dated 04/20/21).*

(Attach continuation sheets if required to complete the description of corrections.)

Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,
Special Inspector

Clement J. Salek
(Type or print name)

Signature

08/15/22

Date



Licensed Professional Seal

Final Report of Special Inspections

Agent's Final Report

Project: *CT11338A - Route 2/Colchester West/SBA*

Agent: *Clement J. Salek*

Special Inspector: *Christopher Wilson*

To the best of my information, knowledge and belief, the Special Inspections or testing required for this project, and designated for this Agent in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved other than the following:

Comments: *Based on photographs taken by installation personnel between April-May 2022, Chappell Engineering Associates, LLC (CEA) has verified the newly installed T-Mobile equipment is in general conformance to the engineering construction documents (Revision #2 "Construction Revised" dated 04/20/21).*

(Attach continuation sheets if required to complete the description of corrections.)

Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,
Agent of the Special Inspector

Clement J. Salek
(Type or print name)

Signature

08/15/22

Date



Licensed Professional Seal or
Certification



Existing T-Mobile Equipment Mounted To Concrete Pad



New Purcell Cabinet Installed On Existing H-Frame



Existing Electrical Service Used For Upgrade



New Signal Cables Run Along Existing Cable Path

Session Name: TMO_2021_CT_G15_CT11338A_OVEC01
Capture Time: Tuesday, May 3, 2022 5:33 PM
Upload Time: Tuesday, May 3, 2022 5:39 PM (UTC -4:00)
Lat: 41.5901972
Long: -72.4011204



New Handrail & Reinforcement Kits Installed On Existing Mounting Platform

Session Name: TMO_2021_CT_G15_CT11338A_OVEC01
Capture Time: Tuesday, May 3, 2022 5:08 PM
Upload Time: Tuesday, May 3, 2022 5:08 PM (UTC -4:00)
Lat: 41.5901944
Long: -72.4014806



Alpha Sector: (1) New Antenna & (2) New RRHs Mounted To The Modified Platform

Session Name: TMO_2021_CT_G15_CT11338A_OVEC01
Capture Time: Tuesday, May 3, 2022 5:09 PM
Upload Time: Tuesday, May 3, 2022 5:09 PM (UTC -4:00)
Lat: 41.5901944
Long: -72.401475



Beta Sector: (1) New Antenna & (2) New RRHs Mounted To The Modified Platform

Session Name: TMO_2021_CT_G15_CT11338A_OVEC01
Capture Time: Tuesday, May 3, 2022 5:04 PM
Upload Time: Tuesday, May 3, 2022 5:04 PM (UTC -4:00)
Lat: 41.5901833
Long: -72.4015056

