

KENNETH C. BALDWIN

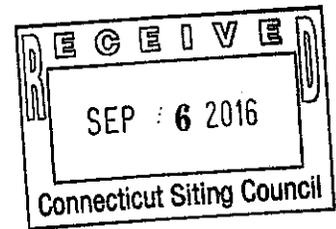
280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

Also admitted in Massachusetts

September 2, 2016

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

ORIGINAL



Re: **Petition No. 1167 – Cellco Partnership d/b/a Verizon Wireless petition for declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed installation of a small cell telecommunications facility on the roof of an existing industrial storage building located at 85-91 South Leonard Street, Waterbury, Connecticut**

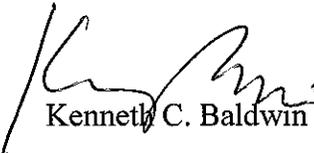
Dear Ms. Bachman:

On August 10, 2015, the Siting Council approved Cellco's Petition to install a small cell telecommunications facility at 85-91 South Leonard Street in Waterbury, Connecticut. The small cell would consist of one (1) panel antenna on a pipe mast on the existing roof-top chimney and a remote radio head on the side of the chimney.

As a condition of approval, Cellco was required to provide the Council with a letter stating that the chimney was structurally adequate to support the proposed loading. Attached is a Structural Evaluation Letter verifying that the chimney is structurally sufficient to accommodate the installation

Please let me know if you need any additional information.

Sincerely,


Kenneth C. Baldwin

15175466-v1

October 22, 2015

Mr. John Tierney
Verizon Wireless
99 East River Drive
East Hartford, CT 06108

Re: Structural Evaluation Letter
Verizon Wireless Site Ref –Waterbury CT SC4
85-91 South Leonard Street
Waterbury, CT 06708

CEN TEK Project No. 15010.000

Dear Mr. Tierney,

Centek Engineering, Inc. has prepared signed and sealed Construction Documents dated 10/21/2015 (Rev. 0) for the proposed unmanned wireless communications facility to be located at the existing (± 34.5 ft.) host building. The proposed wireless equipment facility consists of Verizon Wireless equipment on a concrete pad at grade and one (1) Omni-directional antenna and associated appurtenances mounted on a pipe mast fastened to an existing multi-wythe brick chimney.

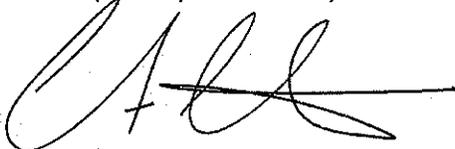
A structural analysis of the host building components and design of the proposed equipment installation was conducted in accordance with the 2003 International Building Code (IBC); 2005 Connecticut State Building Code as amended by the 2009 Connecticut State Supplement and ASCE 7-02 "Minimum Design Loads for Buildings and other Structures".

Additionally, design loads and reactions for the proposed antenna mount was calculated utilizing the 2005 Connecticut State Building Code considering a basic wind speed (3 sec gust) of 95 mph for Waterbury, as required in Appendix K of the Connecticut supplement per Table 1609.3.1.

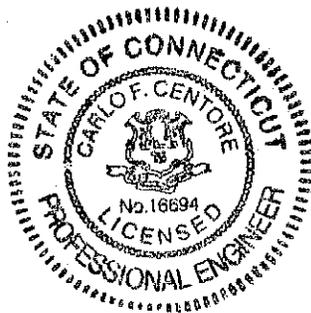
The host building is a 3-story concrete and brick masonry framed structure currently utilized as a storage facility. Per City of Waterbury records the host building was built circa 1925. Existing building structural drawings were not available thereby requiring fieldwork by Centek personnel (01/07/2015) for the purpose of documenting host building components impacted by Verizon's installation. Our analysis found the existing multi-wythe brick chimney structurally sufficient to accommodate the maximum reactions from the antenna pipe mast attachment. Field verification is necessary prior to fabrication to confirm existing brick chimney wall thicknesses.

The findings of our structural analysis concluded that the proposed Verizon Wireless facility will not adversely affect the host building. Feel free to contact us should further documentation be necessary.

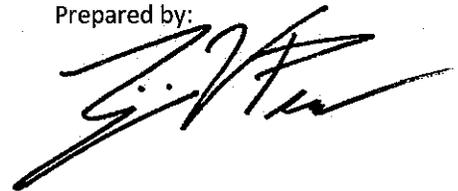
Respectfully Submitted by:



Carlo F. Centore, PE
Principal ~ Structural Engineer



Prepared by:



Luigi V. Peronace,
Structural Engineer