STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:	:	
	:	
A PETITION OF CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS FOR A DECLARATORY RULING ON THE NEED TO OBTAIN A SITING COUNCIL CERTIFICATE FOR THE INSTALLATION OF A SMALL CELL TELECOMMUNICATIONS FACILITY ON THE ROOF OF THE BUILDING AT 2 OCEAN AVENUE IN WEST HAVEN, CONNECTICUT	:	PETITION NO. ____
	:	MARCH 2, 2015

PETITION FOR A DECLARATORY RULING:
INSTALLATION HAVING NO
SUBSTANTIAL ADVERSE ENVIRONMENTAL EFFECT

I. Introduction

Pursuant to Sections 16-50j-38 and 16-50j-39 of the Regulations of Connecticut State Agencies ("R.C.S.A."), Cellco Partnership d/b/a Verizon Wireless ("Cellco") hereby petitions the Connecticut Siting Council (the "Council") for a declaratory ruling ("Petition") that no Certificate of Environmental Compatibility and Public Need ("Certificate") is required under Section 16-50k(a) of the Connecticut General Statutes ("C.G.S.") to establish a "small cell" wireless facility on the roof of the commercial building at 2 Ocean Avenue in West Haven, Connecticut (the "Property"). The Property is owned by Baykat, LLC ("Owner"). Cellco has designated this site as its "Woodmont SC2 Facility".

II. Factual Background

The Property is a 3.08 acre parcel in West Haven's Neighborhood Business zone and is surrounded by commercial and residential uses along Ocean Avenue, New Haven Avenue and

Jones Hill Road. The Property is also immediately north of a West Haven Town beach. *See* Attachment 1 – Site Vicinity and Site Schematic Maps (Aerial Photograph).

Cellco is licensed to provide wireless telecommunications services in the 850 MHz, 1900 MHz, 700 MHz and 2100 MHz frequency ranges in West Haven and throughout the State of Connecticut. Initially, the proposed Woodmont SC2 Facility described below will provide wireless service in Cellco's 700 MHz and 2100 MHz frequency ranges only. Cellco's 700 MHz and 2100 MHz coverage maps showing Cellco's service in West Haven and the surrounding towns today and the coverage footprint for the proposed Woodmont SC2 Facility are included in Attachment 2.

Cellco currently maintains six (6) cell sites within approximately 2.5 miles of the Property. Cellco's West Haven South cell site consists of antennas on the roof of the building at 200 Oak Street in West Haven. Cellco's West Haven SW cell site consists of antennas on a tower at 668 Jones Hill Road in West Haven. Cellco's Orange 4 cell site consists of antennas on a tower at 100 Red Cedar Road in Orange. Cellco's Milford South II cell site consists of antennas on a tower at 185 Research Parkway in Milford. Cellco's Old Gate cell site consists of antennas on a tower at 311 Old Gate Road in Milford. Cellco's Bayview cell site consists of antennas on a flagpole tower at 234 Melba Street in Milford. As depicted on the 2100 MHz coverage maps, Cellco maintains small gaps in its 2100 MHz wireless service in the area immediately around the Property. In addition, the Alpha sector of Cellco's Milford South II cell site is currently operating beyond its existing capacity limits (a/k/a exhausting). Commercial and residential uses in the area and public beaches in West Haven and Milford have also been identified as a data traffic concentration areas that contribute to existing capacity problems in the area. In an effort to resolve these capacity problems and provide customers with improved

wireless services in the area, Cellco proposes to install a mast-mounted small cell antenna on the chimney of the building at the Property.

III. Proposed "Small Cell" Facility

The proposed Woodmont SC2 Facility would consist of a single canister-type antenna attached to a small mast/tower extending approximately five (5) feet above an existing brick chimney on the roof of the building. Equipment associated with the small cell antenna and a Remote Radio Head ("RRH") will be installed on a steel platform on the east side of the building. The equipment cabinet will house all of Cellco's small cell radio equipment and a battery back-up power supply system. Power and telephone service to the Woodmont SC2 Facility will extend from existing service inside the building. (*See* Cellco's Project Plans included in Attachment 3). Specifications for the "small cell" antenna (Commscope Model NH360QS-DG-F0M) and RRH (Model LTE-700U ALU) are included in Attachment 4.

IV. Discussion

A. The Proposed Facility Modifications Will Not Have A Substantial Adverse Environmental Effect

The Public Utility Environmental Standards Act (the "Act"), C.G.S. § 16-50g et seq., provides for the orderly and environmentally compatible development of telecommunications towers in the state to avoid "a significant impact on the environment and ecology of the State of Connecticut." C.G.S. § 16-50g. To achieve these goals, the Act established the Council, and requires a Certificate of Environmental Compatibility and Public Need for the construction of cellular telecommunication towers "that may, as determined by the council, have a substantial adverse environmental effect". C.G.S. § 16-50k(a).

1. Physical Environmental Effects

Cellco respectfully submits that the installation of a small mast/tower supporting a single

"small cell" canister-type antenna and the placement of an equipment cabinet and RRH, on a steel platform on the east side of the building, will not involve a significant alteration in the physical and environmental characteristics of the Property. No new ground disturbance of any kind is necessary or proposed as a part of the Woodmont SC2 Facility installation.

2. Visual Effects

The small mast and canister-type antenna on the existing chimney would be visible only from nearby locations along Jones Hill Road and Ocean Avenue. (*See* Limited Visual Assessment and Photo-Simulations included in Attachment 5). Overall, the installation would not have a significant impact on aesthetics in the area.

3. FCC Compliance

Radio frequency ("RF") emissions from the proposed installation will be far below the standards adopted by the Federal Communications Commission ("FCC"). Included in Attachment 6 is a General Power Density table, including a calculation that Cellco's "small cell" facility will operate at 20.7% of the FCC safety standard.

4. FAA Summary Report

Included in Attachment 7 is a Federal Airways & Airspace Summary Report verifying that the new mast/tower and antenna installation on the roof of the building at the Property would not constitute an obstruction or hazard to air navigation and that notification to the FAA is not required.

B. Notice to the Town, Property Owner and Abutting Landowners

On March 2, 2015, a copy of this Petition was sent to Edward M. O'Brien, West Haven's Mayor. Because the Property is located within 2500 feet of the West Haven/Milford Town line, a copy of the Petition was also sent to Milford's Mayor Benjamin Blake. A copy of the Petition

was also sent to Baykat, LLC, the owner of the Property. Included in Attachment 8 is a copy of the letters sent to Mayors O'Brien and Blake and Baykat, LLC. Notice of Cellco's intent to file this Petition along with a set of project plans was sent to the owners of land that abuts the Property. A sample abutter's letter and the list of those abutting landowners who were sent notice of the filing of the Petition is included in Attachment 9.

V. Conclusion

Based on the information provided above, Cellco respectfully requests that the Council issue a determination in the form of a declaratory ruling that the installation of a small cell wireless facility will not have a substantial adverse environmental effect and does not require the issuance of a Certificate of Environmental Compatibility and Public Need pursuant to § 16-50k of the General Statutes.

Respectfully submitted,

CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS

By _____

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597
(860) 275-8200
Its Attorneys

ATTACHMENT 1

Legend

- Proposed Verizon Wireless Small Cell Facility
- Surrounding Verizon Wireless Facilities
- Municipal Boundary

Site Vicinity Map

Proposed Small Cell Installation
Woodmont SC 2 CT
2 Ocean Avenue
West Haven, Connecticut

Base Map Source: ESRI World Imagery (Microsoft, 3/26/2011)
Map Scale: 1 inch = 3,000 feet
Map Date: February 2015

3,000 1,500 0 3,000 Feet

Legend

- Subject Property
- Municipal Boundary

Site Schematic

Proposed Small Cell Installation
Woodmont SC 2 CT
2 Ocean Avenue
West Haven, Connecticut

verizon wireless

ALL-POINTS

N
W E
S

150 75 0 150 Feet

Map Notes:
Base Map Source: 2012 Aerial Photograph (CTECO)
Map Scale: 1 inch = 150 feet
Map Date: February 2015

ATTACHMENT 2

Existing Verizon Wireless 700 MHz Coverage
West Haven, Connecticut and Surrounding Area
(*Map Scale is 1:25,000)

Coverage is depicted at a signal threshold of 120 dB Operational Path Loss

ORANGE
WEST HAVEN
EAST HAVEN
SHELTON
NEW HAVEN
BRANFORD
STRATFORD
MILFORD
Long Island Sound

ORANGE 4 CT
WEST HAVEN SW CT
WEST HAVEN S CT
MILFORD S II CT
WOODMONT SC 2 CT
OLD GATE CT
BAYVIEW CT

Legend

- Proposed Verizon Wireless Small Cell Facility
- Existing Verizon Wireless Facilities
- Existing Surrounding Wireless 700 MHz Coverage
- Municipal and Private Open Space
- School
- State Forest/Park
- Open Water
- Town Line
- Major Route

ALL-POINTS TECHNOLOGY CORPORATION

verizon

N W E S

0 0.5 1 Miles

Map Notes:
This map was prepared at a map scale of 1:25,000 at 24" by 36" layout. Report copies have been reduced to 11" x 17". Refer to graphic scale
Open Space, Schools, and State Forests/Parks are depicted using available State GIS data, which may be outdated in some areas.
Base map: GTECO Hillshade (2000)

Proposed Verizon Wireless 700 MHz Coverage
West Haven, Connecticut and Surrounding Area
(*Map Scale is 1:25,000)

Coverage is depicted at a signal threshold of 120 dB Operational Path Loss

ORANGE
WEST HAVEN
EAST HAVEN
SHELTON
NEW HAVEN
BRANFORD
STRATFORD
MILFORD
Long Island Sound

ORANGE 4 CT
WEST HAVEN SW CT
WEST HAVEN S CT
MILFORD S II CT
WOODMONT SC 2 CT
OLD GATE CT
BAYVIEW CT

Legend

- Proposed Verizon Wireless Small Cell Facility
- Existing Verizon Wireless Facilities
- Existing Surrounding Wireless 700 MHz Coverage
- Proposed Facility Wireless 700 MHz Coverage
- Municipal and Private Open Space
- School
- State Forest/Park
- Open Water
- Town Line
- Major Route

ALL-POINTS TECHNOLOGY CORPORATION

Map Notes:
This map was prepared at a map scale of 1:25,000 at 24" by 36" layout. Report copies have been reduced to 11" x 17". Refer to graphic scale.
Open Space, Schools, and State Forests/Parks are depicted using available State GIS data, which may be outdated in some areas.
Base map: CTECO Hillshade (2006)

0 0.5 1 Miles

Existing Verizon Wireless 2100 MHz Coverage
West Haven, Connecticut and Surrounding Area
(*Map Scale is 1:25,000)

Coverage is depicted at a signal threshold of 120 dB Operational Path Loss

ORANGE
WEST HAVEN
EAST HAVEN
NEW HAVEN
BRANFORD
SHELTON
STRATFORD
MILFORD
Long Island Sound

ORANGE 4 CT
WEST HAVEN SW CT
WEST HAVEN S CT
MILFORD S II CT
WOODMONT SC 2 CT
OLD GATE CT
BAYVIEW CT

Legend

- Proposed Verizon Wireless Small Cell Facility
- Existing Verizon Wireless Facilities
- Existing Surrounding Wireless 2100 MHz Coverage
- Municipal and Private Open Space
- School
- State Forest/Park
- Open Water
- Town Line
- Major Route

ALL POINTS TECHNOLOGY CORPORATION

verizon

Map Notes
This map was prepared at a map scale of 1:25,000 at 24" by 36" layout. Report copies have been reduced to 11" x 17". Refer to graphic scale.
Open Space, Schools, and State Forests/Parks are depicted using available State GIS data, which may be outdated in some areas
Base map: CTECO Hillshade (2009)

0 0.5 1 Miles

Proposed Verizon Wireless 2100 MHz Coverage
West Haven, Connecticut and Surrounding Area
(*Map Scale is 1:25,000)

Coverage is depicted at a signal threshold of 120 dB Operational Path Loss

ORANGE
WEST HAVEN
EAST HAVEN
SHELTON
NEW HAVEN
BRANFORD
STRATFORD
MILFORD
Long Island Sound

ORANGE 4 CT
WEST HAVEN SW CT
WEST HAVEN S CT
MILFORD S II CT
WOODMONT SC 2 CT
OLD GATE CT
BAYVIEW CT

Legend

- Proposed Verizon Wireless Small Cell Facility
- Existing Verizon Wireless Facilities
- Existing Surrounding Wireless 2100 MHz Coverage
- Proposed Facility Wireless 2100 MHz Coverage
- Municipal and Private Open Space
- School
- State Forest/Park
- Open Water
- Town Line
- Major Route

ALL-POINTS TECHNOLOGY CORPORATION

verizon

0 0.5 1 Miles

Map Notes:
This map was prepared at a map scale of 1:25,000 at 24" by 36" layout. Report copies have been reduced to 11" x 17". Refer to graphic scale.
Open Space, Schools, and State Forests/Parks are depicted using available State GIS data, which may be outdated in some areas.
Base map: CTECO Hillshade (2006)

ATTACHMENT 3

Cellco Partnership

d.b.a. verizon wireless

WIRELESS COMMUNICATIONS FACILITY

WOODMONT SC2

2 OCEAN AVENUE

WEST HAVEN, CT 06516

SITE DIRECTIONS

FROM: 99 EAST RIVER DRIVE
EAST HARTFORD, CONNECTICUT

TO: 2 OCEAN AVENUE
WEST HAVEN, CONNECTICUT

1.	HEAD SOUTHWEST ON E RIVER DR TOWARD PITKIN ST	0.9 MI.
2.	CONTINUE ONTO E RIVER DR EXTENSION	0.3 MI.
3.	TURN RIGHT ONTO US-5 S/CT-15 S RAMP TO NEW HAVEN/I-91 S	0.2 MI.
4.	MERGE ONTO US-5 S	0.8 MI.
5.	TAKE EXIT 86 TO MERGE ONTO I-91 S TOWARD NEW HAVEN/NYC	36.6 MI.
6.	TAKE THE I-95 S EXIT ON THE LEFT TOWARD NYC	0.5 MI.
7.	MERGE ONTO I-95 S	5.2 MI.
8.	TAKE EXIT 41 FOR MARSH HILL RD TOWARD ORANGE	0.3 MI.
9.	TURN LEFT ONTO MARSH HILL RD	0.6 MI.
10.	CONTINUE ONTO OXFORD RD	0.6 MI.
11.	CONTINUE ONTO WOODMONT RD	0.5 MI.
12.	TURN RIGHT ONTO JONES HILL RD	0.3 MI.
13.	CONTINUE ONTO OCEAN AVE, AND DESTINATION WILL BE ON THE RIGHT	115 FT.

GENERAL NOTES

1. PROPOSED ANTENNA LOCATIONS AND HEIGHTS PROVIDED BY CELLCO PARTNERSHIP.

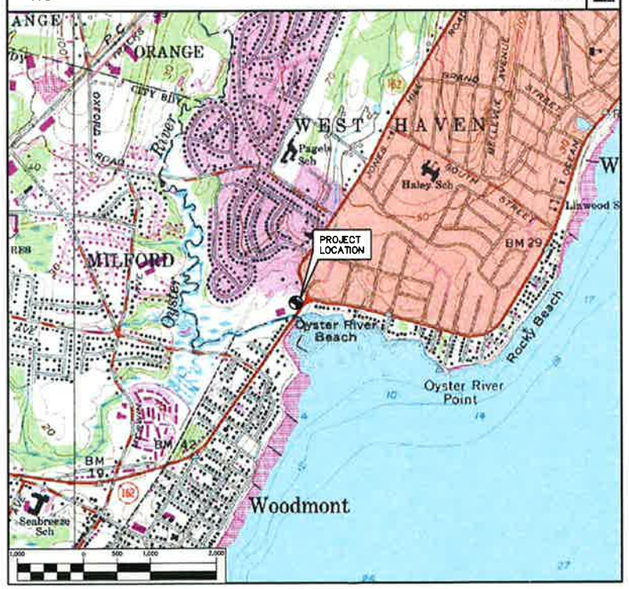
SITE INFORMATION

THE SCOPE OF WORK SHALL INCLUDE:

1. THE INSTALLATION OF A PROPOSED CELLCO PARTNERSHIP EQUIPMENT CABINET AND RRH MOUNTED ATOP AN EXISTING STEEL PLATFORM WITHIN A PROPOSED EXPANDED COVERED STOOP.
2. A TOTAL OF UP TO ONE (1) PROPOSED CELLCO PARTNERSHIP ANTENNA IS PROPOSED TO BE PIPE MOUNTED TO AN EXISTING SMOKESTACK AT A CENTERLINE ELEVATION OF ±32.0' AGL.
3. POWER AND TELCO UTILITIES SHALL BE ROUTED FROM DEMARCS LOCATED WITHIN OR ADJACENT TO THE EXISTING BUILDING TO THE PROPOSED CELLCO PARTNERSHIP EQUIPMENT CABINET. ROUTING SHOWN HEREIN IS TENTATIVE. FINAL UTILITY DEMARC LOCATIONS AND ROUTING TO BE DETERMINED DURING CONSTRUCTION DOCUMENT PHASE OF THE PROJECT, AND WILL BE COORDINATED WITH BUILDING OWNER AND LOCAL UTILITY COMPANY REQUIREMENTS.
4. FINAL DESIGN OF ANTENNA MOUNTS SHALL BE INCLUDED IN THE D&M PLANS.
5. THE PROPOSED WIRELESS FACILITY INSTALLATION WILL BE DESIGNED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2009 CONNECTICUT SUPPLEMENT.

VICINITY MAP

SCALE: 1" = 1000'



PROJECT SUMMARY

SITE NAME:	WOODMONT SC2
SITE ADDRESS:	2 OCEAN AVENUE WEST HAVEN, CT 06516
PROPERTY OWNER:	BAYKAT LLC P.O. BOX 16545 WEST HAVEN, CT 06516
APPLICANT:	CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
CONTACT PERSON:	SANDY CARTER CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
TOWER COORDINATES:	LATITUDE 41°-14'-10.385" LONGITUDE 72°-59'-12.078" GROUND ELEVATION: 10.8'± A.M.S.L. COORDINATES AND GROUND ELEVATION BASED ON FAA 1-A SURVEY CERTIFICATION AS PREPARED FOR VERIZON WIRELESS, BY MARTINEZ COUCH AND ASSOCIATES LLC, DATED FEBRUARY 16, 2015, REVISED FEBRUARY 17, 2015.

SHEET INDEX

SHT. NO.	DESCRIPTION	REV. NO.
T-1	TITLE SHEET	0
C-1	PARTIAL SITE PLAN, ELEVATIONS AND ANTENNA MOUNTING CONFIGURATION	0

PROFESSIONAL ENGINEER SEAL

REV.	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
0	02/26/15	HAR	DMD	ISSUED FOR CSC - CLIENT REVIEW

Cellco Partnership d.b.a. verizon wireless

CENTEK engineering
Centered on Solutions
(203) 488-0580
(203) 488-8587 Fax
63-2 North Branford Road
Branford, CT 06405
www.CentekEng.com

Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY

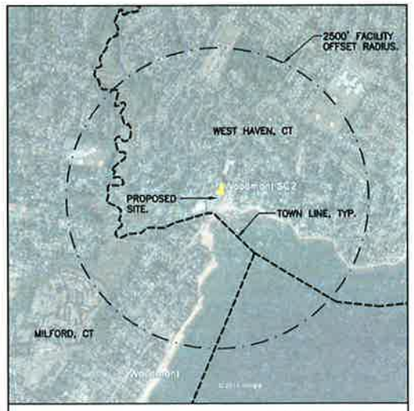
WOODMONT SC2
2 OCEAN AVENUE
WEST HAVEN, CT 06516

DATE: 02/25/15
SCALE: AS NOTED
JOB NO. 14213.000

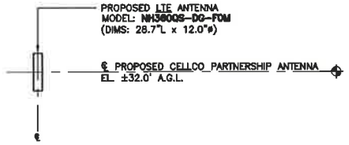
TITLE SHEET

T-1

Sheet No. 1 of 2



MUNICIPALITY NOTIFICATION LIMIT MAP

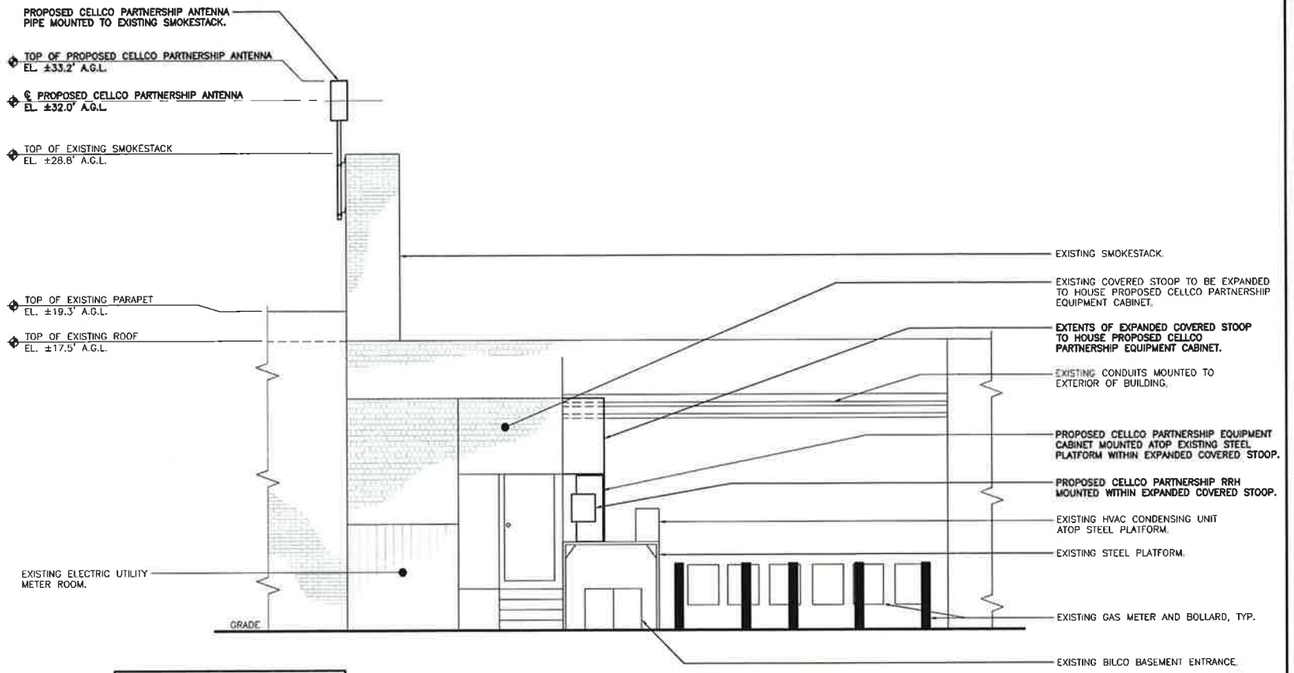


RRH MOUNTING NOTE

- LTE RRH (MODEL: ALU RRH 2x40-700 (DIMS: 20.0" L x 17.0" W x 10.0" D) (TYP. OF 1 PER SECTOR)

WALL MOUNTED WITHIN PROPOSED EXPANDED COVERED STOOP.

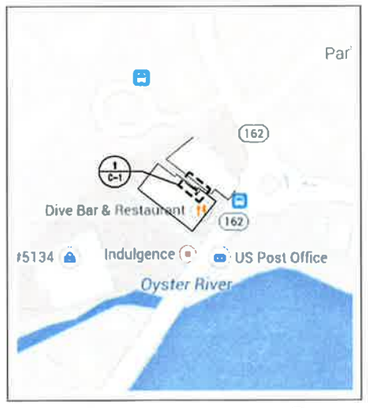
3 C-1 **ANTENNA MOUNTING CONFIGURATION**
SCALE: 1/4" = 1'



HEIGHTS SHOWN HEREIN REFERENCED FROM FAA 1-A SURVEY CERTIFICATION AS PREPARED FOR VERIZON WIRELESS, BY MARTINEZ COUCH AND ASSOCIATES LLC, DATED FEBRUARY 16, 2015, REVISED FEBRUARY 17, 2015.

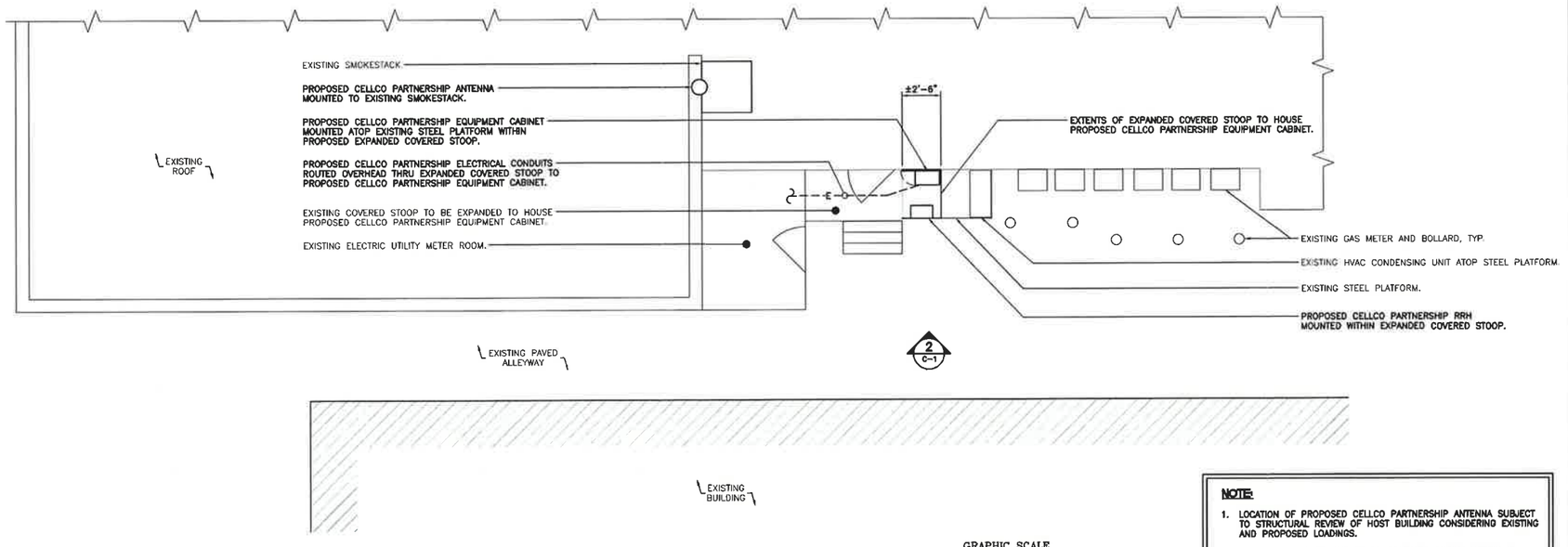
2 C-1 **EAST ELEVATION**
SCALE: 1/4" = 1'

GRAPHIC SCALE
(IN FEET)
1 inch = 4 ft.



KEY PLAN
SCALE: 1" = 150'

APPROXIMATE NORTH



1 C-1 **PARTIAL SITE PLAN**
SCALE: 1/4" = 1'

APPROXIMATE NORTH

GRAPHIC SCALE
(IN FEET)
1 inch = 4 ft.

NOTE:

1. LOCATION OF PROPOSED CELLCO PARTNERSHIP ANTENNA SUBJECT TO STRUCTURAL REVIEW OF HOST BUILDING CONSIDERING EXISTING AND PROPOSED LOADINGS.
2. ROUTING OF POWER AND TELCO CONDUITS SHOWN HEREIN IS TENTATIVE. FINAL ROUTING TO BE DETERMINED AT THE CONSTRUCTION DOCUMENT PHASE OF THE PROJECT.

REV.	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
0	02/26/15	MMP	DMD	ISSUED FOR FSC - CLIENT REVIEW

PROFESSIONAL ENGINEER SEAL

Cellco Partnership d/b/a verizon wireless

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WIRELESS COMMUNICATIONS FACILITY

WOODMONT SC2
2 OCEAN AVENUE
WEST HAVEN, CT 06516

DATE: 02/25/15
SCALE: AS NOTED
JOB NO. 14213.000

PARTIAL SITE PLAN, ELEVATIONS, AND ANTENNA MOUNTING CONFIG.

C-1
Sheet No. 2 of 2

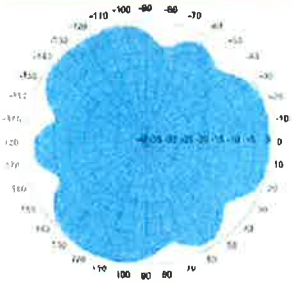
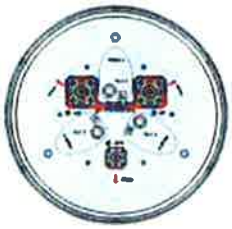
ATTACHMENT 4

COMMSCOPE®

verizonwireless

Metro Cell Antennas with Internal Diplexer and GPS Antenna

Dualband Quasi-Omni (360°), Metro Cell Antenna

	NH360QS-DG-F0M	NH360QT-DG-F0
	  	 
ELECTRICAL SPECIFICATIONS		
Operating Frequency Range	698 - 896 and 1710 - 2170 MHz	698 - 896 and 1710 - 2170 MHz
Frequency Bands, MHz	698 - 806 / 806 - 896 / 1710 - 1880 / 1850 - 1990 / 1920 - 2170	698 - 806 / 806 - 896 / 1710 - 1880 / 1850 - 1990 / 1920 - 2170
Polarization	±45° / ±45° / ±45° / ±45° / ±45°	±45° / ±45° / ±45° / ±45° / ±45°
Gain, dBi	4.3 / 5.3 / 8.0 / 8.1 / 8.5	1.3 / 2.3 / 4.0 / 4.2 / 4.5
Beamwidth, Horizontal, degrees	360 / 360 / 360 / 360 / 360	360 / 360 / 360 / 360 / 360
Beamwidth, Vertical, degrees	30.0 / 24.0 / 16.0 / 15.0 / 14.0	60.0 / 55.0 / 32.5 / 30.0 / 28.5
USLS, dB	12 / 12 / 14 / 13 / 13	– / – / 14 / 12 / 11
Beam Tilt, degrees	0 / 0 / 0-16 / 0-16 / 0-16	0 / 0 / 0 / 0 / 0
Isolation, dB	25 / 25 / 25 / 25 / 25	25 / 25 / 25 / 25 / 25
VSWR (Return Loss, dB)	1.5 (14.0) / 1.5 (14.0) / 1.5 (14.0) / 1.5 (14.0) / 1.5 (14.0)	1.5 (14.0) / 1.5 (14.0) / 1.5 (14.0) / 1.5 (14.0) / 1.5 (14.0)
PIM, 3rd Order, 2 x 20 W, dBc	-150 / -150 / -150 / -150 / 150	-150 / -150 / -150 / -150 / -150
Input Power per Port, maximum, watts	250 / 250 / 250 / 250 / 250	250 / 250 / 250 / 250 / 250
MECHANICAL SPECIFICATIONS		
Connnector Interface	7 - 16 DIN Female	7 - 16 DIN Female
Connector Quantity, Location	2, Bottom	2, Bottom
GPS Connnector Interface	4.1/9.5 DIN Female	4.1/9.5 DIN Female
GPS Connector Quantity, Location	1, Bottom	1, Bottom
Length, mm (inch)	730 (28.7)	360 (14.2)
Outer Diameter, mm (inch)	305 (12.0)	305 (12.0)
Wind Speed, maximum, km/h (mph)	241.4 (150)	241.4 (150)
Net Weight, kg (lb)	20.0 (44.1)	12.0 (26.5)
AVAILABILITY		
Expected Ready Date for Manufacturing	March 2014	June 2014

Alcatel-Lucent RRH2x40-07-U

REMOTE RADIO HEAD

The Alcatel-Lucent RRH2x40-07-U is a high-power, small form-factor Remote Radio Head (RRH) operating in the North American Digital Dividend / 700MHz frequency band (3GPP Band 13). The Alcatel-Lucent RRH2x40-07-U is designed with an eco-efficient approach, providing operators with the means to achieve high quality and capacity coverage with minimum site requirements.

A distributed eNodeB expands deployment options by using two components, a Base Band Unit (BBU) containing the digital assets and a separate RRH containing the radio-frequency (RF) elements. This modular design optimizes available space and allows the main components of an eNodeB to be installed separately, within the same site or several kilometres apart.

The Alcatel-Lucent RRH2x40-07-U is linked to the BBU by an optical-fiber connection carrying downlink and uplink digital radio signals along with operations, administration and maintenance (OA&M) information. The Alcatel-Lucent RRH2x40-07-U has two transmit RF paths, 40 W RF output power per transmit path, and is designed to manage up to two-way receive diversity. The device is ideally suited to support macro coverage, with multiple-input multiple-output (MIMO) 2x2 operation in up to 10 MHz of bandwidth.

The Alcatel-Lucent RRH2x40-07-U is designed to make available all the benefits of a distributed eNodeB, with excellent RF characteristics, with low capital expenditures (CAPEX) and low operating expenditures (OPEX). The limited space available in some sites may prevent the installation of traditional single-cabinet BTS equipment or require costly cranes to be employed, leaving coverage holes. However, many of these sites can host an Alcatel-Lucent RRH2x40-07-U installation, providing more flexible site selection and improved network quality along with greatly reduced installation time and costs.

Fast, low-cost installation and deployment

The Alcatel-Lucent RRH2x40-07-U is a zero-footprint solution and operates noise-free, simplifying negotiations with site property owners and minimizing environmental impacts. Installation can easily be done by a single person because the Alcatel-Lucent RRH2x40-07-U is compact and weights less than 23 kg (50 lb), eliminating the need for a crane to hoist the BTS cabinet to the rooftop. A site can be in operation in less than one day — a fraction of the time required for a traditional BTS.

Excellent RF performance

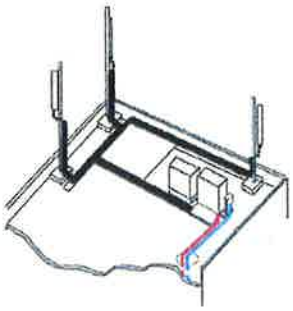
Because of its small size and weight, the Alcatel-Lucent RRH2x40-07-U can be installed close to the antenna. Operators can therefore locate the Alcatel-Lucent RRH2x40-07-U where RF engineering is deemed ideal, minimizing trade-offs between available sites and RF optimum sites. The RF feeder cost and installation costs are reduced or eliminated, and there is no need for a Tower Mounted Amplifier (TMA) because losses introduced by the RF feeder are greatly reduced. The Alcatel-Lucent RRH2x40-07-U provides more RF power while at the same time consuming less electricity.

Features

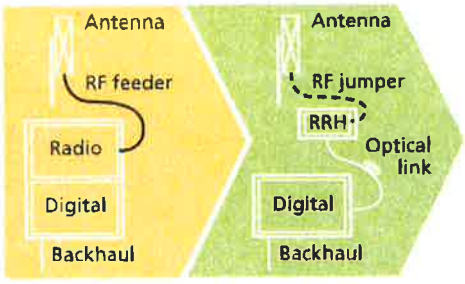
- Zero-footprint deployment
- Easy installation, with a lightweight unit can be carried and set up by one person
- Optimized RF power, with flexible site selection and elimination of a TMA
- Convection-cooled (fanless), noise-free, and heaterless unit
- Best-in-class power efficiency, with significantly reduced energy consumption

Benefits

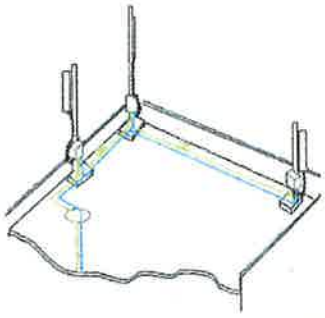
- Leverages existing real estate with lower site costs
- Reduces installation costs, with fewer installation materials and simplified logistics
- Decreases power costs and minimizes environmental impacts, with the potential for eco-sustainable power options
- Improves RF performance and adds flexibility to network planning



Macro



RRH for space-constrained cell sites



Distributed

Technical specifications

Physical dimensions

- Height: 390 mm (15.4 in.)
- Width: 380 mm (15 in.)
- Depth: 210 mm (8.2 in.)
- Weight (without mounting kit): less than 23 kg (50 lb)

Power

- Power supply: -48V

Operating environment

- Outdoor temperature range:
  - ¬ With solar load: -40°C to +50°C (-40°F to +122°F)
  - ¬ Without solar load: -40°C to +55°C (-40°F to +131°F)
- Passive convection cooling (no fans)
- Enclosure protection
  - ¬ IP65 (International Protection rating)

RF characteristics

- Frequency band: 700 MHz; 3GPP Band 13
- Bandwidth: up to 10 MHz
- RF output power at antenna port:
  - ¬ 40 W nominal RF power for each Tx port
- Rx diversity: 2-way or 4-way
- Noise figure: below 2.5 dB typical
- ALD features
  - ¬ TMA
  - ¬ Remote electrical tilt (RET) support (AISG v2.0)

Optical characteristics

Type/number of fibers

- Up to 3.12 Gb/s line bit rate
- Single-mode variant
  - ¬ One SM fiber (9/125 µm) per RRH2x, carrying UL and DL using CWDM (at 1550/1310 nm)
- Multi-mode variant
  - ¬ Two MM fibers (50/125 µm) per RRH2x: one carrying UL, the other carrying DL (at 850 nm)

Optical fiber length

- Up to 500 m (0.31 mi), using MM fiber
- Up to 20 km (12.43 mi), using SM fiber

Alarms and ports

- Six external alarms
- Two optical ports to support daisy-chaining

Alcatel·Lucent

ATTACHMENT 5

Limited Visual Assessment and Photo-Simulations

WOODMONT SC 2
2 OCEAN AVENUE
WEST HAVEN, CT

Prepared in February 2015 by:
All-Points Technology Corporation, P.C.
3 Saddlebrook Drive
Killingworth, CT 06141

Prepared for Verizon Wireless

ALL-POINTS
TECHNOLOGY CORPORATION

LIMITED VISUAL ASSESSMENT & PHOTO-SIMULATIONS

At the request of Cellco partnership LLC d/b/a Verizon Wireless, All-Points Technology Corporation, P.C. ("APT") completed a limited visual assessment and prepared computer-generated photo-simulations depicting the proposed installation of a small cell wireless telecommunications Facility at 2 Ocean Avenue in West Haven, Connecticut (the "Property").

Project Setting

The Property is located in the northwest corner of the intersection of Jones Hill Road and Ocean Avenue in a mixed commercial and residential area on the West Haven shoreline. The Property is currently improved with a single-story, multi-tenant commercial storefront building. The proposed Facility would include the installation of a single canister antenna mounted to a pipe mast affixed to an existing brick chimney. An equipment cabinet would be located on an elevated steel platform on the side of the building beneath a new stoop expansion.

Methodology

On January 8, 2015 APT personnel conducted a field reconnaissance to photo-document existing conditions. Three (3) nearby locations were selected to represent where the existing building is visible and depict proposed conditions with the proposed small cell installation. At each photo location, the geographic coordinates of the camera's position were logged using global positioning system ("GPS") technology. Photographs were taken with a Canon EOS 6D digital camera body and Canon EF 24 to 105 millimeter ("mm") zoom lens, with lens set to 50 mm.

> *"The lens that most closely approximates the view of the unaided human eye is known as the normal focal-length lens. For the 35 mm camera format, which gives a 24x36 mm image, the normal focal length is about 50 mm.[1]"*

Three-dimensional computer models were developed for the building and proposed small cell components from AutoCAD information. Photographic simulations were then generated to portray scaled renderings of the proposed installation. Using field data, site plan information and image editing software, the proposed Facility was scaled to the correct location and height, relative to the existing structure and surrounding area. For presentation purposes in this report, all of the photographs were produced in an approximate 7-inch by 10.5-inch format[2]. A photolog map and copies of the existing conditions and photo-simulations are attached.

---

[1] Warren, Bruce. Photography, West Publishing Company, Eagan, MN, c. 1993, (page 70).

[2] When viewing in this format size, we believe it is important to provide the largest representational image while maintaining an accurate relation of sizes between objects within the frame of the photograph and depicting the subject in a way similar to what an observer might see, to the greatest extent possible.

Conclusions

The visibility of the proposed small cell installation would be limited primarily to nearby locations along Jones Hill Road and Ocean Avenue where the building is visible today. The antenna would extend approximately three (3) feet above the top of the chimney. Additional rooftop infrastructure (smokestacks, utility masts, HVAC units) are located on other portions of the subject building and adjacent structures. The interior equipment cabinet would be placed in a location that is accessible to employees and tenants and not typically accessible to the general public. Based on the results of this assessment, it is APT's opinion that the proposed small cell installation by Verizon Wireless at the Property would not have a significant impact on aesthetics in the area.

Limitations

This analysis does not claim to depict the only areas, or all locations, where visibility may occur; it is intended to provide a representation of those areas where the Facility is likely to be seen. The photo-simulations provide a representation of the Facility under similar settings as those encountered during the field reconnaissance. Views of the Facility can change throughout the seasons and the time of day, and are dependent on weather and other atmospheric conditions (e.g., haze, fog, clouds); the location, angle and intensity of the sun; and the specific viewer location. Weather conditions on the day of the reconnaissance included mostly sunny skies and the photo-simulations presented in this report provide an accurate portrayal of the Facility during comparable conditions.

ATTACHMENTS

PHOTO LOG

Legend

Site · Photo Location · Municipal Boundary

150 75 0 150 Feet

1 inch = 150 feet

ALL-POINTS TECHNOLOGY CORPORATION

verizon

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
1	**HOST PROPERTY**	**SOUTHEAST**	**+/- 133 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
1	**HOST PROPERTY**	**SOUTHEAST**	**+/- 133 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
1	**HOST PROPERTY**	**SOUTHEAST**	**+/- 133 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
2	**HOST PROPERTY**	**NORTHEAST**	**+/- 226 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
2	**HOST PROPERTY**	**NORTHEAST**	**+/- 226 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
2	**HOST PROPERTY**	**NORTHEAST**	**+/- 226 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
3	**OCEAN AVENUE**	**NORTHWEST**	**+/- 182 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
3	**OCEAN AVENUE**	**NORTHWEST**	**+/- 182 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
3	**OCEAN AVENUE**	**NORTHWEST**	**+/- 182 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
4	**OCEAN AVENUE**	**WEST**	**+/- 309 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
4	**OCEAN AVENUE**	**WEST**	**+/- 309 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
4	**OCEAN AVENUE**	**WEST**	**+/- 309 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
5	**OCEAN AVENUE**	**NORTHEAST**	**+/- 370 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
5	**OCEAN AVENUE**	**NORTHEAST**	**+/- 370 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
5	**OCEAN AVENUE**	**NORTHEAST**	**+/- 370 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

ATTACHMENT 6

General Power Density

Site Name: ***WOODMONT SC 2 CT***
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissable Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	746	1	134	134	32	0.0471	0.4973	9.46%
VZW AWS	2145	1	320	320	32	0.1124	1.0000	11.24%
Total Percentage of Maximum Permissible Exposure								20.70%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

MHz = Megahertz
mW/cm^2 = milliwatts per square centimeter
ERP = Effective Radiated Power

Absolute worst case maximum values used.

ATTACHMENT 7

```
**************************************************
                    *            Federal Airways & Airspace            *
                    * Summary Report: Alteration Of Existing Structure *
                    *                  Antenna Structure
*

**************************************************

                    Airspace User: Your Name

                    File: WOODMONT_SC2_CT

                    Location:  Woodmont, CT

                    Latitude:  41°-14'-10.39"         Longitude:
72°-59'-12.09"

                    SITE ELEVATION AMSL.....8 ft.
                    STRUCTURE HEIGHT.........34 ft.
                    OVERALL HEIGHT AMSL.....42 ft.

     NOTICE CRITERIA
       FAR 77.9(a): NNR (DNE 200 ft AGL)
       FAR 77.9(b): NNR (DNE Notice Slope)
       FAR 77.9(c): NNR (Not a Traverse Way)
       FAR 77.9:    NNR FAR 77.9 IFR Straight-In Notice Criteria for HVN
       FAR 77.9:    NNR FAR 77.9 IFR Straight-In Notice Criteria for BDR
       FAR 77.9(d): NNR (Off Airport Construction)

       NR  = Notice Required
       NNR = Notice Not Required
       PNR = Possible Notice Required (depends upon actual IFR procedure)
             For new construction review Air Navigation Facilities at
bottom
             of this report.

       If the proposed construction is an alteration to an existing
structure,
       notice requirements may be superceded by the item exemptions listed
below.

       The location and analysis were based upon an existing structure.
However,
       no existing aeronautical study number was identified. If the
'existing'
       structure penetrates an obstruction surface defined by CFR 77.17,
77.19,
       77.21 or 77.23 (see below) it is strongly recommended the FAA be
notified
       of the 'existing' structure to determine obstruction marking or
lighting
```

requirements. It is not uncommon for the FAA to issue a Determination of No Hazard (DNH) for an existing structure and modify the airspace to accommodate the structure, should that be required. If the FAA issues a DNH enter the aeronautical study number (ASN) in the space provided on the Airspace Analysis Window Form and re-run Airspace.

No frequencies were identified in this alteration are included in the FAA's Co-Location Policy published in the Federal Register November 15, 2007. Therefore, application of the Co-Location Policy notice exemption rule can not be applied.

Title 14 CFR Part 77.9(e), Notice Criteria Exception:
The location and analysis were based upon an existing antenna structure with the alteration limited to the addition of an antenna with a height increase of more than one (1) foot. Title 14 CFR Part 77.9(e)(4) specificially prohibits application of this rule when adding an antenna to an existing antenna structure. If the increase in height of the existing antenna structure exceeds notice reqirements, notice to the FAA is mandatory.

OBSTRUCTION STANDARDS
FAR 77.17(a)(1): DNE 499 ft AGL
FAR 77.17(a)(2): DNE - Airport Surface
FAR 77.19(a): DNE - Horizontal Surface
FAR 77.19(b): DNE - Conical Surface
FAR 77.19(c): DNE - Primary Surface
FAR 77.19(d): DNE - Approach Surface
FAR 77.19(e): DNE - Transitional Surface

VFR TRAFFIC PATTERN AIRSPACE FOR: HVN: TWEED-NEW HAVEN
Type: A RD: 28021.11 RE: 6.3
FAR 77.17(a)(1): DNE
FAR 77.17(a)(2): DNE - Height No Greater Than 200 feet AGL.
VFR Horizontal Surface: DNE
VFR Conical Surface: DNE
VFR Approach Slope: DNE
VFR Transitional Slope: DNE

VFR TRAFFIC PATTERN AIRSPACE FOR: BDR: IGOR I SIKORSKY MEMORIAL
Type: A RD: 44567.3 RE: 6.5
FAR 77.17(a)(1): DNE

FAR 77.17(a)(2): DNE - Greater Than 5.99 NM.
VFR Horizontal Surface: DNE
VFR Conical Surface: DNE
VFR Approach Slope: DNE
VFR Transitional Slope: DNE

TERPS DEPARTURE PROCEDURE (FAA Order 8260.3, Volume 4)
FAR 77.17(a)(3) Departure Surface Criteria (40:1)
DNE Departure Surface

MINIMUM OBSTACLE CLEARANCE ALTITUDE (MOCA)
FAR 77.17(a)(4) MOCA Altitude Enroute Criteria
The Maximum Height Permitted is 500 ft AMSL

PRIVATE LANDING FACILITIES

FACIL IDENT	TYP	NAME	BEARING To FACIL	RANGE IN NM	DELTA ARP ELEVATION	FAA IFR
CT46	HEL	MILFORD-ALEXANDER	266.99	2.04	+22	
No Impact to Private Landing Facility Structure is beyond notice limit by 7395 feet.						
1CT2	HEL	YALE NEW HAVEN HOSPITAL	29.54	4.66	-177	
No Impact to Private Landing Facility Structure 6 ft below heliport.						

AIR NAVIGATION ELECTRONIC FACILITIES

FAC IDNT	TYPE	ST AT	FREQ	VECTOR	DIST (ft)	DELTA ELEVA	ST	LOCATION	GRND ANGLE	APCH BEAR
HVN	VOR/DME	R	109.8	71.17	29492	+36	CT	NEW HAVEN	.07	
HVN	ATCT	ON	A/G	68.95	29998	-49	CT	TWEED-NEW HAVEN	-.09	
HVN	LOCALIZER	I	109.1	63.31	30663	+24	CT	RWY 02 TWEED-NEW	.04	16
BDR	VOR/DME	R	108.8	233.98	46857	+33	CT	BRIDGEPORT	.04	
JWE	NDB	I	36	327.06	63479	-529	CT	CLERA	-.48	
MAD	VOR/DME	R	110.4	70.65	85758	-178	CT	MADISON	-.12	
CCC	VOR/DME	R	117.2	155.19	123134	-43	NY	CALVERTON	-.02	
OKX	RADAR WXL	Y		165.96	139242	-179	NY	BRENTWOOD	-.07	

```
       QVH  RADAR ARSR  Y  1326.9 147.72 154236  -309 NY RIVERHEAD
-.11
       ISP  RADAR       ON  2735. 190.82 159429  -140 NY LONG ISLAND
MacAR    -.05
       CMK  VOR/DME     I   116.6 275.78 164274  -652 NY CARMEL
-.23
       FOK  TACAN       R  NA     146.12 175105    -8 NY SUFFOLK CO
0.00
       DPK  VOR/DME     I   117.7 208.27 184062   -81 NY DEER PARK
-.03
       HFD  VOR/DME     R   114.9  39.09 190448  -807 CT HARTFORD
-.24
       HPN  RADAR       ON  2735. 253.23 209323  -468 NY WESTCHESTER
COUNT    -.13

     CFR Title 47, §1.30000-§1.30004
       AM STUDY NOT REQUIRED: Structure is not near a FCC licensed AM
station.
       Movement Method Proof as specified in §73.151(c) is not required.
       Please review 'AM Station Report' for details.

       Nearest AM Station: WAVZ @ 6660 meters.


Airspace® Summary Version 14.11.376

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Airspace®
Copyright © 1989 - 2014

02-19-2015
15:32:14
```

ATTACHMENT 8

Robinson+Cole

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

March 2, 2015

Via Certified Mail, Return Receipt Requested

Edward A. O'Brien, Mayor
Town of West Haven
355 Main Street
P.O. Box 526
West Haven, CT 06516-0526

Re: **Installation of a Small Cell Telecommunications Facility at 2 Ocean Avenue, West Haven, Connecticut**

Dear Mr. O'Brien:

This firm represents Cellco Partnership d/b/a Verizon Wireless ("Cellco"). Today, Cellco filed a Petition for Declaratory Ruling ("Petition") with the Connecticut Siting Council ("Council") seeking approval to install a "small cell" telecommunications facility at 2 Ocean Avenue in West Haven (the "Property").

The proposed "small cell" would consist of a single canister-type antenna and a small mast/tower attached to a brick chimney on the roof of the building. The new antenna will extend approximately five (5) feet above the top of the chimney and approximately 33 feet above grade. Equipment associated with the antenna and a Remote Radio Head ("RRH") will be located on an existing steel platform on the east side of the building. The equipment cabinet will house all of Cellco's small cell radio equipment and a battery back-up power supply system.

A copy of Cellco's Petition is attached for your review. Landowners whose property abuts 2 Ocean Avenue were also sent notice of this filing along with a copy of the Petition's project plans.

Please contact me if you have any questions regarding this proposal.

Sincerely,

Kenneth C. Baldwin

KCB/kmd
Attachment
Copy to:
Sandy M. Carter

Robinson+Cole

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

March 2, 2015

Via Certified Mail, Return Receipt Requested

Benjamin G. Blake, Mayor
Town of Milford
Parsons Complex
70 West River Street
Milford, CT 06460-3364

Re: **Installation of a Small Cell Telecommunications Facility at 2 Ocean Avenue, West Haven, Connecticut**

Dear Mr. Blake:

This firm represents Cellco Partnership d/b/a Verizon Wireless ("Cellco"). Today, Cellco filed a Petition for Declaratory Ruling ("Petition") with the Connecticut Siting Council ("Council") seeking approval to install a "small cell" telecommunications facility at 2 Ocean Avenue in West Haven (the "Property").

The proposed "small cell" would consist of a single canister-type antenna and a small mast/tower attached to a brick chimney on the roof of the building. The new antenna will extend approximately five (5) feet above the top of the chimney and approximately 33 feet above grade. Equipment associated with the antenna and a Remote Radio Head ("RRH") will be located on an existing steel platform on the east side of the building. The equipment cabinet will house all of Cellco's small cell radio equipment and a battery back-up power supply system.

A copy of Cellco's Petition is attached for your review. Landowners whose property abuts 2 Ocean Avenue were also sent notice of this filing along with a copy of the Petition's project plans.

Please contact me if you have any questions regarding this proposal.

Sincerely,

Kenneth C. Baldwin

KCB/kmd
Attachment
Copy to:
Sandy M. Carter

Robinson+Cole

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

March 2, 2015

Via Certified Mail, Return Receipt Requested

Baykat LLC
P.O. Box 16545
West Haven, CT 06516

Re: **Installation of a Small Cell Telecommunications Facility at 2 Ocean Avenue, West Haven, Connecticut**

Dear Sir or Madam:

This firm represents Cellco Partnership d/b/a Verizon Wireless ("Cellco"). Today, Cellco filed a Petition for Declaratory Ruling ("Petition") with the Connecticut Siting Council ("Council") seeking approval to install a "small cell" telecommunications facility at 2 Ocean Avenue in West Haven (the "Property").

The proposed "small cell" would consist of a single canister-type antenna and a small mast/tower attached to a brick chimney on the roof of the building. The new antenna will extend approximately five (5) feet above the top of the chimney and approximately 33 feet above grade. Equipment associated with the antenna and a Remote Radio Head ("RRH") will be located on an existing steel platform on the east side of the building. The equipment cabinet will house all of Cellco's small cell radio equipment and a battery back-up power supply system.

A copy of Cellco's Petition is attached for your review. Landowners whose property abuts 2 Ocean Avenue were also sent notice of this filing along with a copy of the Petition's project plans.

Robinson+Cole

Please contact me if you have any questions regarding this proposal.

Sincerely,

Kenneth C. Baldwin

KCB/kmd
Attachment
Copy to:
Sandy M. Carter

ATTACHMENT 9

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

March 2, 2015

Via Certified Mail, Return Receipt Requested

«Name_and_Address»

Re: **Notice of Intent to File a Petition for Declaratory Ruling with the Connecticut Siting Council for the Installation of a "Small Cell" Telecommunications Facility at 2 Ocean Avenue, West Haven, Connecticut**

Dear «Salutation»:

This firm represents Cellco Partnership d/b/a Verizon Wireless ("Cellco"). Today, Cellco filed a Petition for Declaratory Ruling ("Petition") with the Connecticut Siting Council ("Council") seeking approval to install a new "small cell" telecommunications facility at 2 Ocean Avenue in West Haven (the "Property"). The proposed "small cell" facility would consist of a single canister-type antenna and a small mast/tower attached to a brick chimney on the roof of the building. The new antenna will extend approximately five (5) feet above the top of the chimney and approximately 33 feet above grade. Equipment associated with the small cell antenna and a single Remote Radio Head ("RRH") will be located on an existing steel platform on the east side of the building. The equipment cabinet will house all of Cellco's small cell radio equipment and a battery back-up power supply system. A set of Project Plans showing the location of Cellco's proposed small cell and an aerial photograph of the Property are attached for your review.

This notice is being sent to you because you are listed as an owner of land that abuts the Property. If you have any questions regarding the Petition, the Council's process for reviewing the proposed Petition or the details of the filing itself, please feel free to contact me at the number listed above. You may also contact the Council directly at 860-827-2935.

Sincerely,

Kenneth C. Baldwin

Attachments
Copy to:
Sandy M. Carter

Cellco Partnership

d.b.a. verizon wireless

WIRELESS COMMUNICATIONS FACILITY

WOODMONT SC2

2 OCEAN AVENUE

WEST HAVEN, CT 06516

SITE DIRECTIONS

FROM: 99 EAST RIVER DRIVE, EAST HARTFORD, CONNECTICUT **TO:** 2 OCEAN AVENUE, WEST HAVEN, CONNECTICUT

1.	HEAD SOUTHWEST ON E RIVER DR TOWARD PITKIN ST	0.9 MI.
2.	CONTINUE ONTO E RIVER DR EXTENSION	0.3 MI.
3.	TURN RIGHT ONTO US-5 S/CT-15 S RAMP TO NEW HAVEN/I-91 S	0.2 MI.
4.	MERGE ONTO US-5 S	0.8 MI.
5.	TAKE EXIT 88 TO MERGE ONTO I-91 S TOWARD NEW HAVEN/NYC	38.8 MI.
6.	TAKE THE I-95 S EXIT ON THE LEFT TOWARD NYC	0.5 MI.
7.	MERGE ONTO I-95 S	5.2 MI.
8.	TAKE EXIT 41 FOR MARSH HILL RD TOWARD ORANGE	0.3 MI.
9.	TURN LEFT ONTO MARSH HILL RD	0.5 MI.
10.	CONTINUE ONTO OXFORD RD	0.8 MI.
11.	CONTINUE ONTO WOODMONT RD	0.5 MI.
12.	TURN RIGHT ONTO JONES HILL RD	0.3 MI.
13.	CONTINUE ONTO OCEAN AVE. AND DESTINATION WILL BE ON THE RIGHT	113 FT.

GENERAL NOTES

1. PROPOSED ANTENNA LOCATIONS AND HEIGHTS PROVIDED BY CELLCO PARTNERSHIP.

SITE INFORMATION

THE SCOPE OF WORK SHALL INCLUDE:

1. THE INSTALLATION OF A PROPOSED CELLCO PARTNERSHIP EQUIPMENT CABINET AND RRH MOUNTED ATOP AN EXISTING STEEL PLATFORM WITHIN A PROPOSED EXPANDED COVERED STOOP.
2. A TOTAL OF UP TO ONE (1) PROPOSED CELLCO PARTNERSHIP ANTENNA IS PROPOSED TO BE PIPE MOUNTED TO AN EXISTING SMOKESTACK AT A CENTERLINE ELEVATION OF ±32.0' AGL.
3. POWER AND TELCO UTILITIES SHALL BE ROUTED FROM DEMARCS LOCATED WITHIN OR ADJACENT TO THE EXISTING BUILDING TO THE PROPOSED CELLCO PARTNERSHIP EQUIPMENT CABINET. ROUTING SHOWN HEREIN IS TENTATIVE. FINAL UTILITY DEMARC LOCATIONS AND ROUTING TO BE DETERMINED DURING CONSTRUCTION DOCUMENT PHASE OF THE PROJECT, AND WILL BE COORDINATED WITH BUILDING OWNER AND LOCAL UTILITY COMPANY REQUIREMENTS.
4. FINAL DESIGN OF ANTENNA MOUNTS SHALL BE INCLUDED IN THE D&M PLANS.
5. THE PROPOSED WIRELESS FACILITY INSTALLATION WILL BE DESIGNED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2009 CONNECTICUT SUPPLEMENT.

VICINITY MAP

SCALE: 1" = 1000'

PROJECT SUMMARY

SITE NAME:	WOODMONT SC2
SITE ADDRESS:	2 OCEAN AVENUE WEST HAVEN, CT 06516
PROPERTY OWNER:	BAYKAT LLC P.O. BOX 18545 WEST HAVEN, CT 06516
APPLICANT:	CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
CONTACT PERSON:	SANDY CARTER CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
TOWER COORDINATES:	LATITUDE 41°-14'-10.365" LONGITUDE 72°-59'-12.078" GROUND ELEVATION: 10.6± A.M.S.L. COORDINATES AND GROUND ELEVATION BASED ON FAA 1-A SURVEY CERTIFICATION AS PREPARED FOR VERIZON WIRELESS BY MARTINEZ COUCH AND ASSOCIATES LLC, DATED FEBRUARY 16, 2015, REVISED FEBRUARY 17, 2015.

SHEET INDEX

SHT. NO.	DESCRIPTION	REV. NO.
T-1	TITLE SHEET	0
C-1	PARTIAL SITE PLAN, ELEVATIONS AND ANTENNA MOUNTING CONFIGURATION	0

REV.	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
0	02/25/15	TMR	DMD	ISSUED FOR CSC - CLIENT REVIEW

PROFESSIONAL ENGINEER SEAL

Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY
WOODMONT SC2
2 OCEAN AVENUE
WEST HAVEN, CT 06516

DATE: 02/25/15
SCALE: AS NOTED
JOB NO. 14213.000

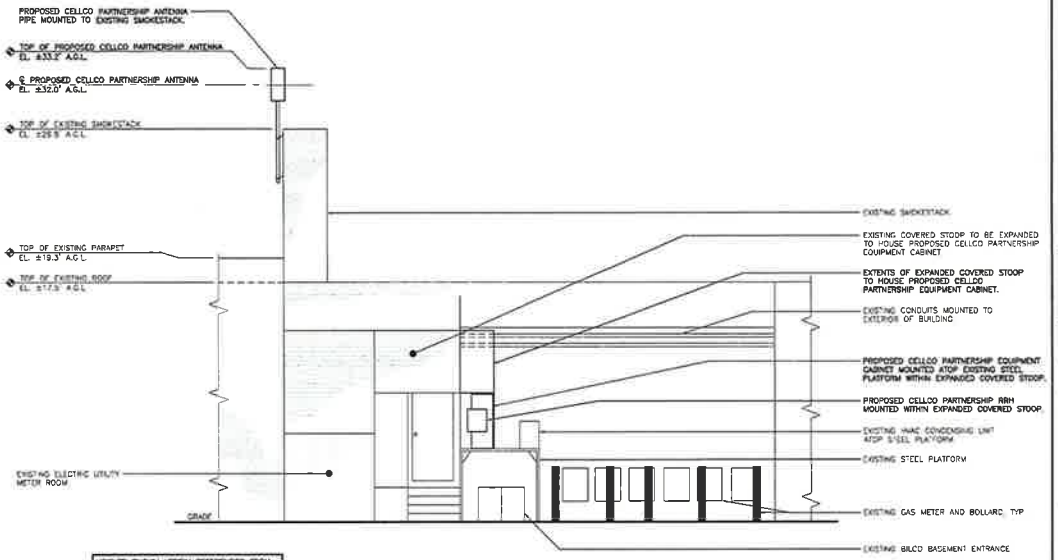
TITLE SHEET

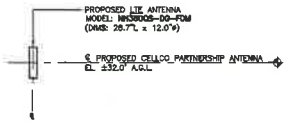
T-1

Sheet No. 1 of 2

CENTEK engineering
Centered on Solutions
(203) 488-0580
(203) 488-8587 Fax
63-2 North Branford Road
Branford, CT 06405
www.CentekEng.com

MUNICIPALITY NOTIFICATION LIMIT MAP





RRH MOUNTING NOTE

- LTE RRH (MODEL: ALU RRH 2x40-700 (DIMS: 20.0" L x 17.0" W x 10.0" D) (TYP. OF 1 PER SECTOR)

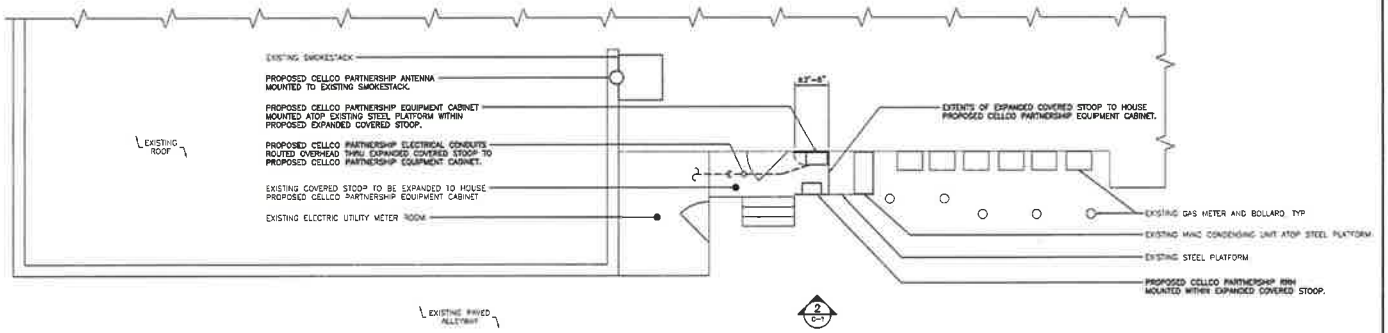
WALL MOUNTED WITHIN PROPOSED EXPANDED COVERED STOOP.

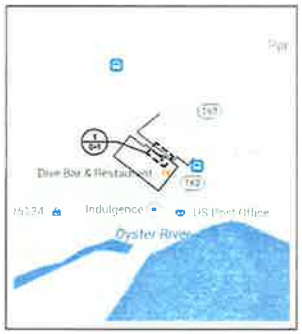
3 C-1 **ANTENNA MOUNTING CONFIGURATION**
SCALE: 1/4" = 1'

HEIGHTS SHOWN HEREIN REFERENCED FROM FAA 1-A SURVEY CERTIFICATION AS PREPARED FOR VERIZON WIRELESS, BY MARTINEZ COUCH AND ASSOCIATES LLC, DATED FEBRUARY 16, 2015, REVISED FEBRUARY 17, 2015.

2 C-1 **EAST ELEVATION**
SCALE: 1/4" = 1'

GRAPHIC SCALE
(IN FEET)
1 inch = 4 ft.





KEY PLAN
SCALE: 1" = 150'

APPROXIMATE NORTH

1 C-1 **PARTIAL SITE PLAN**
SCALE: 1/4" = 1'

APPROXIMATE NORTH

GRAPHIC SCALE
(IN FEET)
1 inch = 4 ft.

NOTE:

1. LOCATION OF PROPOSED CELLCO PARTNERSHIP ANTENNA SUBJECT TO STRUCTURAL REVIEW OF HOST BUILDING CONSIDERING EXISTING AND PROPOSED LOADINGS.
2. ROUTING OF POWER AND TELCO CONDUITS SHOWN HEREIN IS TENTATIVE. FINAL ROUTING TO BE DETERMINED AT THE CONSTRUCTION DOCUMENT PHASE OF THE PROJECT.

REV	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
0	02/25/15	MM	TMD	ISSUED FOR CSC - CLIENT REVIEW

PROFESSIONAL ENGINEER SEAL

Cellco Partnership d/b/a Verizon wireless

CENTEK engineering
Centered on Solutions
(203) 488-0580
(203) 488-8587 Fax
63-2 North Branford Road
Branford, CT 06405
www.CentekEng.com

Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY

WOODMONT SC2

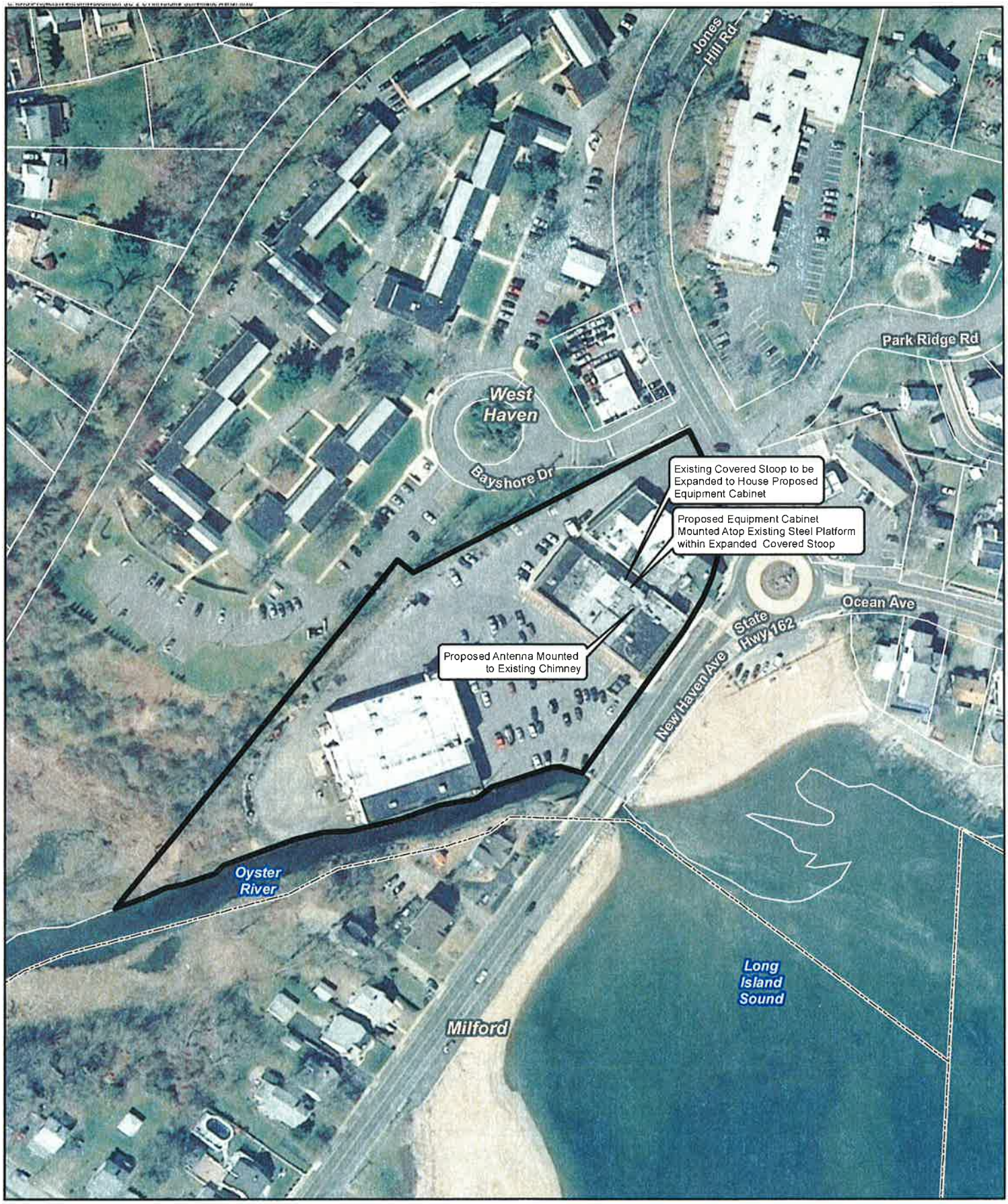
2 OCEAN AVENUE
WEST HAVEN, CT 06516

DATE: 02/25/15
SCALE: AS NOTED
JOB NO.: 14313.000

PARTIAL SITE PLAN, ELEVATIONS, AND ANTENNA MOUNTING CONFIG.

C-1

Sheet No. 2 of 2



Legend

Subject Property

Municipal Boundary

Site Schematic

Proposed Small Cell Installation
Woodmont SC 2 CT
2 Ocean Avenue
West Haven, Connecticut

verizon wireless

ALL-POINTS

N
W E
S

150 75 0 150
Feet

Map Notes:
Base Map Source: 2012 Aerial Photograph (CTECO)
Map Scale: 1 inch = 150 feet
Map Date: February 2015

CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS

ABUTTERS LIST
MAP 2/LOT 2

2 OCEAN AVENUE
WEST HAVEN, CONNECTICUT

WEST HAVEN

	Map/Lot	Property Address	Owner and Mailing Address
1.	2/1	25 Ocean Avenue	City of West Haven 355 Main Street West Haven, CT 06516
2.	3/1	5 Jones Hill Road	Carl R. Unger 15 Cynthia Drive Milford, CT 06461
3.	2/117	41 Jones Hill Road	Baybrook Arms Inc. 41 Jones Hill Road West Haven, CT 06516
4.	2/3	28 Jones Hill Road	State of Connecticut 80 Washington Street Hartford, CT 06606
5.	2/4	28 Jones Hill Road	Tim's Auto Center 28 Jones Hill Road West Haven, CT 06516
6.	2/5	34 Jones Hill Road	Housing Authority 15 Glade Street West Haven, CT 06516
7.	2/1A	1 Bayshore Drive	City of West Haven 35 Main Street West Haven, CT 06516
8.	3/3	74 Ocean Avenue	Donald E. McMillan, Jr. 74 Ocean Avenue West Haven, CT 06516
9.	3/510	63 Ocean Avenue	Louis Asard 63 Ocean Avenue West Haven, CT 06516

MILFORD

	Map/Block/Lot	Property Address	Owner and Mailing Address
10.	82/793/10	1668 New Haven Avenue	Lawrence N. Argraves 142 Foxwood Close Milford, CT 06460
11.	82/793/9	1652 New Haven Avenue	Nikki Lynn and Nicholas Zanni 1652 New Haven Avenue Milford, CT 06460
12.	82/793/8	1646 New Haven Avenue	Judith K. Rosehill 1646 New Haven Avenue Milford, CT 06460
13.	82/793/6	1634 New Haven Avenue	Elizabeth M. Morrin 1634 New Haven Avenue Milford, CT 06460
14.	82/793/7	1638 New Haven Avenue	Johann G. and Clara Schliesser, Trustees 1638 New Haven Avenue Milford, CT 06460
15.	82/793/7A	1642 New Haven Avenue	John R. and Patricia Bria 1642 New Haven Avenue Milford, CT 06460