STATE OF CONNECTICUT CONNECTICUT SITING COUNCIL

IN RE:

.

A PETITION OF CELLCO PARTNERSHIP : PETITION NO. ____

D/B/A VERIZON WIRELESS FOR A

DECLARATORY RULING ON THE NEED

TO OBTAIN A SITING COUNCIL

CERTIFICATE FOR THE INSTALLATION

OF A WIRELESS TELECOMMUNICATIONS

FACILITY AT 1385 (a/k/a 1365) POST ROAD :

EAST, WESTPORT, CONNECTICUT : SEPTEMBER 19, 2017

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 wireless

telecommunications facility at 1385 Post Road East in Westport, Connecticut (the "Property").

The Property is owned by Capfor Westport LLC. This cell site is identified as Cellco's

"Westport 9 Facility".

II. Factual Background

The Property is a 3.47-acre parcel in Westport's General Business District ("GBD"). The Property and building are used for commercial purposes. The Property is surrounded by commercial uses along Post Road East and residential uses to the north. *See* Attachment 1 – Site

Vicinity and Site Schematic Maps (Aerial Photograph).

III. Proposed Westport 9 Facility

Cellco is licensed to provide wireless telecommunications services in the 700 MHz, 850 MHz, 1900 MHz and 2100 MHz frequency ranges in Westport and throughout the State of Connecticut. Cellco has identified a need for improved wireless service along Post Road East (Route 1) and local roadways in southeasterly portions of Westport. Initially, Cellco will provide serviced in its 1900 MHz and 2100 MHz frequencies only from the Westport 9 Facility.

Cellco proposes to attach six (6) antennas and six (6) remote radio heads ("RRHs") to a small tower/mast structure on the roof of the building. The tower, antennas and RRHs will be surrounded by a radio frequency transparent faux chimney screening structure. The faux chimney will extend ten (10) feet above the building's existing roof. Equipment associated with Cellco's antennas will be located in an equipment room located inside the existing parking garage at the Property. Power and telephone service to the Westport 9 Facility will extend from existing service at the Property. (See Cellco's Project Plans included in Attachment 2).

Specifications for Cellco's antennas and RRHs are included in Attachment 3.

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 tower mast, antennas and RRHs on the roof of the building, located behind a faux chimney structure and the installation of associated equipment in the building's parking garage, will not involve a significant alteration in the physical and environmental characteristics of the Property. No new ground disturbance or tree removal is required to install the Westport 9 Facility.

2. Visual Effects

Cellco submits that the Westport 9 Facility would have minimal visual effects on the Property and the surrounding area. (See Visual Assessment & Photo-Simulations ("Visual Assessment") included in Attachment 4). As discussed in the Visual Assessment, the visibility of the proposed roof-top facility components would be limited primarily to locations on the Property along portions of Post Road where the top of the building can be seen today. Direct lines of site toward the Property are generally obstructed by existing vegetation and other buildings in the area. The addition of the proposed faux chimney, screening the mast, antennas and RRHs would appear as an architectural feature of the building. The Facility would not, therefore, have an adverse visual impact on existing views of the building or the character of the community.

FCC Compliance

Radio frequency ("RF") emissions from the proposed installation will be well below the standards adopted by the Federal Communications Commission ("FCC"). Included in <u>Attachment 5</u> is a Calculated Radio Frequency Emissions Report that demonstrates that Cellco's Westport 9 Facility will operate well within the FCC safety standard.

4. FAA Summary Report

Included in <u>Attachment 6</u> is a Federal Airways & Airspace Summary Report (the "FAA Report") verifying that the proposed antenna mast and faux chimney screening structure does not constitute a hazard to air navigation and would not, therefore, require obstruction marking or lighting. Notification to the FAA of Cellco's improvements is not required.

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

On September 19, 2017, a copy of this Petition was sent, via Certificate of Mailing, to Westport's First Selectman James Marpe; Mary Young, Westport's Planning and Zoning Director; and Capfor Westport LLC, the owner of the Property. Copies of the letters sent to Mr. Marpe, Ms. Young and Capfor Westport LLC and the stamped Certificate of Mailing are included in Attachment 7.

A copy of Cellco's Petition was also sent to the owners of land that abuts the Property. A sample abutter's letter, and the list of those abutting landowners to whom notice was sent is included in <u>Attachment 8</u>.

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 tower, supporting antennas and associated equipment and the installation of a screening enclosure on the roof of the building at the Property 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

Im

Kenneth C. Baldwin, Esq.

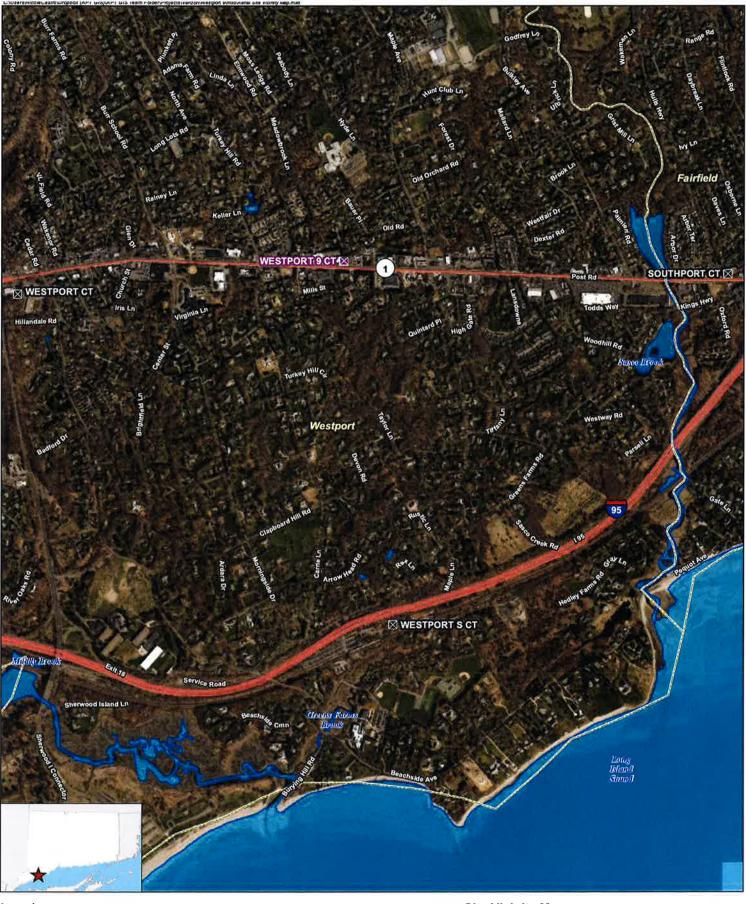
Robinson & Cole LLP 280 Trumbull Street

Hartford, CT 06103-3597

(860) 275-8200

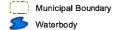
Its Attorneys

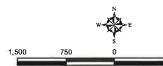
ATTACHMENT 1



Legend

- ☑ Proposed Verizon Wireless Facility
- Surrounding Verizon Wireless Facilities



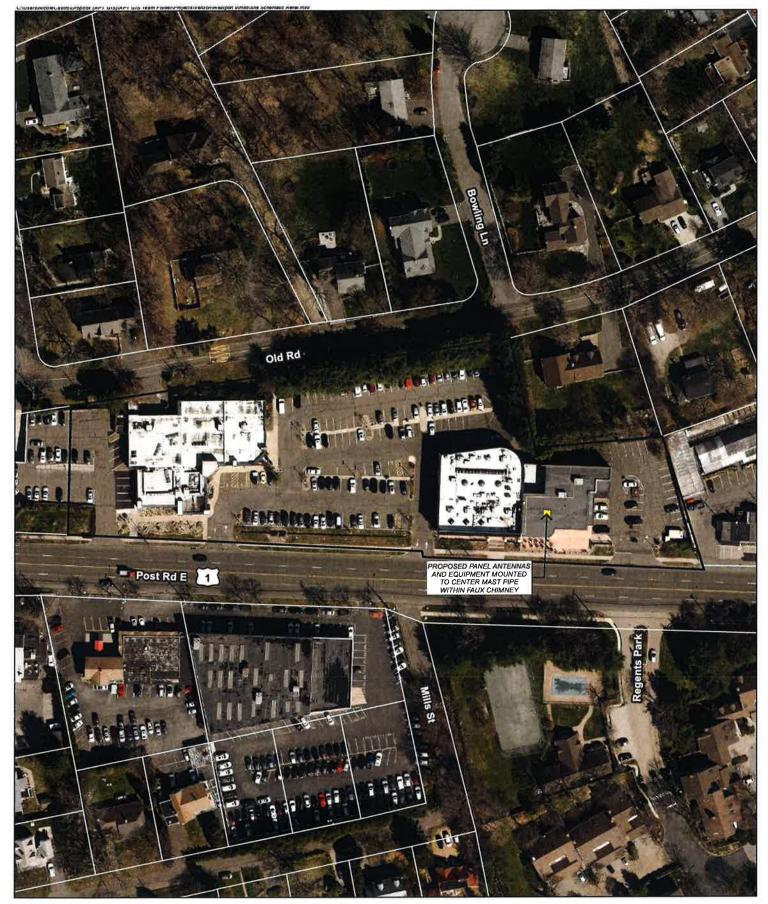


Site Vicinity Map

Proposed Wireless Telecommunications Facility Westport 9 CT 1385 Post Road E Westport, Connecticut

verizon√





Legend

Approximate Location of Proposed Antenna Equipment

Approximate Subject Property

Approximate Parcel Boundary (CTDEEP GIS)

Site Schematic

Proposed Wireless Telecommunications Facility Westport 9 CT 1385 Post Road E Westport, Connecticut

verizon/



ATTACHMENT 2

SITE NAME:



CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108

SITE NAME:

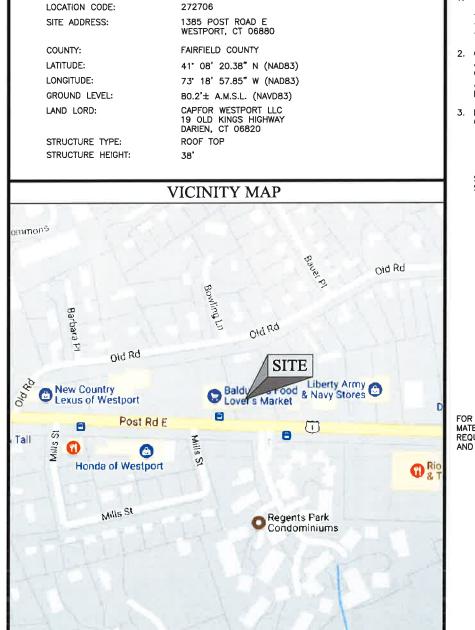
WESTPORT 9 CT

LOCATION CODE:

272706

SITE ADDRESS: 1385 POST ROAD E WESTPORT, CT 06880

GENERAL NOTES AND APPLICABLE CODES



SITE INFORMATION WESTPORT 9 CT

272706

1.	THIS	IS	AN	UNMANNED	TELECOMMUNICATION	FACILITY	AND	NOT	FOR	HUMAN	HABITATION.

- HANDICAPPED ACCESS IS NOT REQUIRED.
- POTABLE WATER OR SANITARY SERVICE IS NOT REQUIRED.
- NO OUTDOOR STORAGE OR ANY SOLID WASTE RECEPTACLES REQUIRED.
- 2. CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON THE JOB SITE. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK. FAILURE TO NOTIFY THE ARCHITECT/ENGINEER PLACES THE RESPONSIBILITY ON THE CONTRACTOR TO CORRECT THE DISCREPANCIES AT THE CONTRACTOR'S EXPENSE.
- DEVELOPMENT AND USE OF THE SITE WILL CONFORM TO ALL APPLICABLE CODES, ORDINANCES AND SPECIFICATIONS.
 - 3.1 BUILDING CODE: 2016 CONNECTICUT STATE BUILDING CODE
 - 3.2 ELECTRICAL CODE: NATIONAL ELECTRIC CODE 2014

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING

- 3.4 AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL
- TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)
 3.6.1 TIA 222-G, STRUCTURAL STANDARDS FOR STEEL ANTENNA SUPPORTING
 STRUCTURES AND ANTENNAS WITH ADDENDUM.
 - TIA 607, GENERIC TELECOMMUNICATIONS BONDING AND GROUNDING (EARTHING) FOR CUSTOMER PREMISES.
- 3.7 INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) IEEE 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUNDING
 - 3.7.2 IEEE 1100 (2005) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRONIC EQUIPMENT.
 - 3.7.3 IEEE C62.41.1, RECOMMENDED PRACTICES ON CHARACTERIZATION OF SURGES IN LOW VOLTAGE (1000V OR LESS) AC POWER CIRCUITS.
- 3.8 TELCORDIA, GR-1275, GENERAL INSTALLATION REQUIREMENTS. 3.9 TELCORDIA, GR-1503, COAXIAL CONNECTORS.
- 3.10 ANSI T1.311, TELECOMMUNICATIONS DC POWER SYSTEMS TELECOMMUNICATIONS ENVIRONMENT PROTECTION.

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

CELLCO PARTNERSHIP d/b/a 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108 SHEET INDEX SHEET NUMBER SHEET DESCRIPTION

. DATE: .

DATE:

DATE:

_ DATE: __

TITLE SHEET

ABUTTERS MAP

SITE PLAN

ELEVATION

IMPOSE CHANGES OR MODIFICATIONS.

VERIZON WIRELESS CM: ____

VERIZON WIRELESS RF: ____

LANDLORD: __

LEASING/SITE ACQUISITION: __

APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE

THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY

A-1

A-2

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A&F OFFICE: 7A LYBERTY WAY WESTFORD, MA 01886 1 (972) 755-1882

DRAWING SCALES ARE INTENDED FOR 24"x36" SIZE PRINTED MEDIA ONLY. ALL OTHER PRINTED SIZES ARE DEEMED "NOT TO SCALE".

_	_		SUBMITTALS	
	REV	DATE	DESCRIPTION	BY
-	Α.	09/06/17	FOR REVIEW	кт
	В	09/12/17	CSC DRAWINGS	кт
	0	09/13/17	FINAL ZD	MDC
	SITE	INFO:		

SITE NAME:

WESTPORT 9 CT

LOCATION CODE: 272706

SITE ADDRESS:

1385 POST ROAD E WESTPORT, CT 06880

SHEET TITLE:

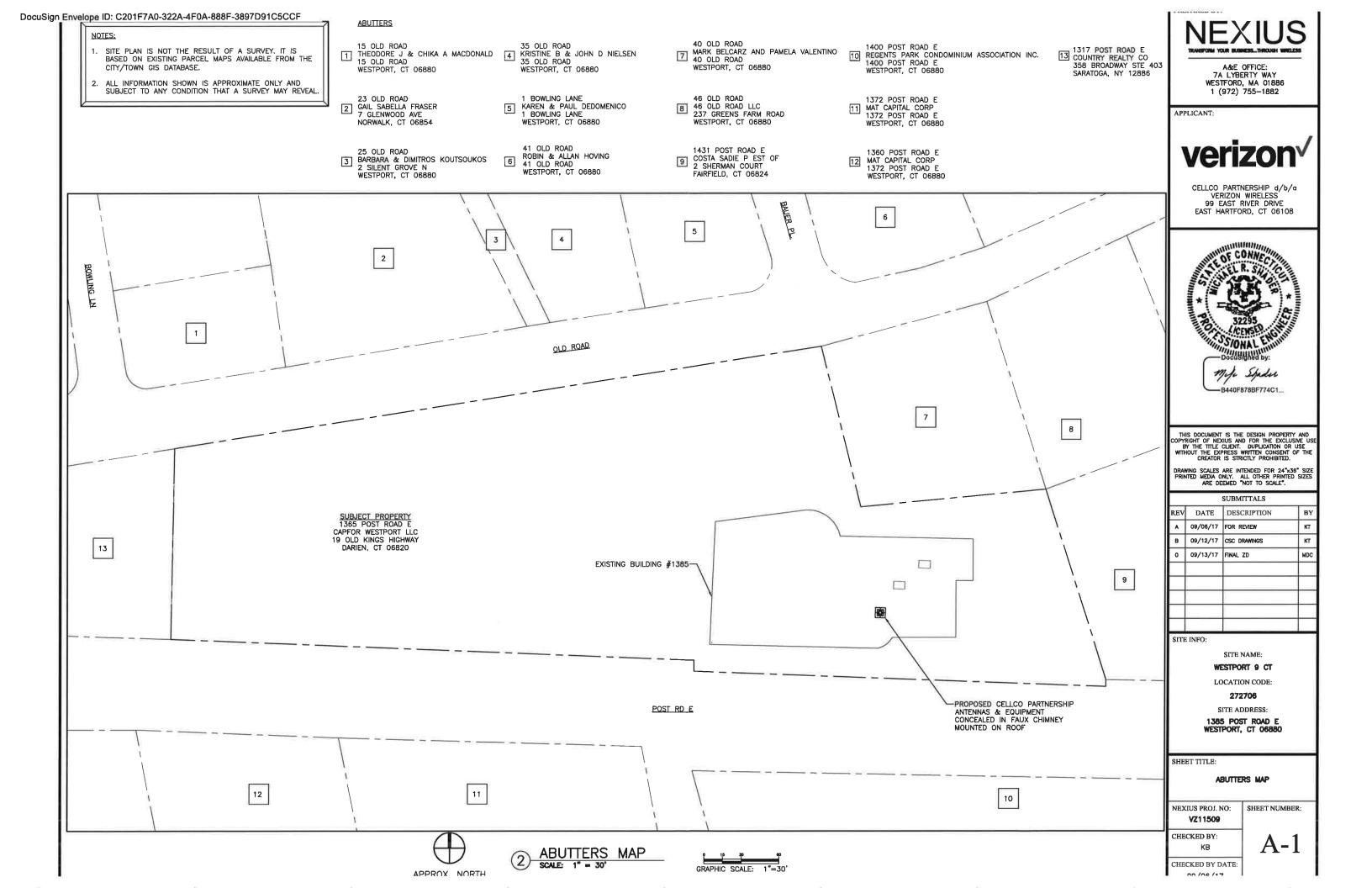
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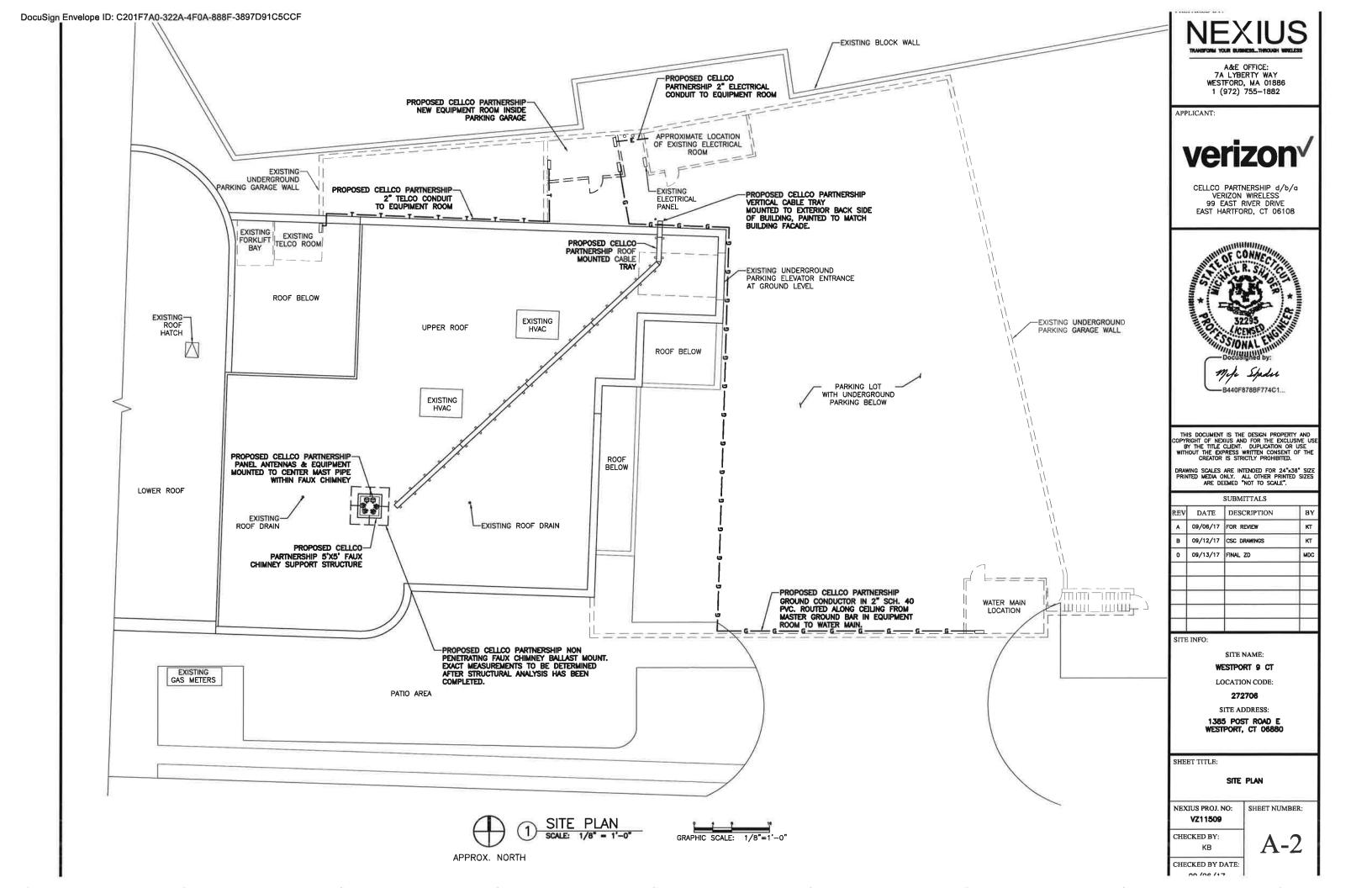
NEXIUS PROJ. NO: VZ11509 CHECKED BY:

CHECKED BY DATE 00 /06 /17

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SHEET NUMBER:







DocuSign Envelope ID: C201F7A0-322A-4F0A-888F-3897D91C5CCF

A&E OFFICE: 7A LYBERTY WAY WESTFORD, MA 01886 1 (972) 755-1882



CELLCO PARTNERSHIP d/b/d VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108



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DRAWING SCALES ARE INTENDED FOR 24"x36" SIZE PRINTED MEDIA ONLY. ALL OTHER PRINTED SIZES ARE DEEMED "NOT TO SCALE".

		SUBMITTALS	
REV	DATE	DESCRIPTION	В
Α.	09/06/17	FOR REVIEW	кт
В	09/12/17	CSC DRAWINGS	кт
0	09/13/17	FINAL ZD	MD
\rightarrow			

SITE NAME:

WESTPORT 9 CT

LOCATION CODE: 272706

SITE ADDRESS:

1385 POST ROAD E WESTPORT, CT 06880

ELEVATION, EQUIPMENT PLAN & DETAILS

NEXIUS PROJ. NO: VZ11509

SHEET NUMBER:

KB

A-3

00/00/17

ATTACHMENT 3





JAHH-65B-R3B

8-port sector antenna, 2x 698-787, 2x 824-894 and 4x 1695-2360 MHz, 65° HPBW, 3x RET and low bands have diplexers. Internal SBT's on first LB(Port 1) and first HB (Port 5).

- Internal SBT on low and high band allow remote RET control from the radio over the RF jumper cable
- One RET for 700MHz, one RET for 850MHz, and one RET for both high bands to ensure same tilt level for 4x Rx or 4x MIMO
- Internal filter on low band and interleaved dipole technology providing for attractive, low wind load mechanical package
- · Separate RS-485 RET input/output for low and high band

Electrical Specifications

•						
Frequency Band, MHz	698-787	824-894	1695-1880	1850-1990	1920-2200	2300-2360
Gain, dBi	14.5	15.8	18.0	18.4	18.5	18.8
Beamwidth, Horizontal, degrees	67	65	63	63	65	68
Beamwidth, Vertical, degrees	12.4	10.5	5.7	5.2	4.9	4.4
Beam Tilt, degrees	2-14	2-14	0-10	0-10	0-10	0-10
USLS (First Lobe), dB	18	18	20	20	21	23
Front-to-Back Ratio at 180°, dB	32	34	31	35	36	38
Isolation, dB	25	25	25	25	25	25
Isolation, Intersystem, dB	30	30	30	30	30	30
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
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	-153
Input Power per Port, maximum, watts	350	350	350	350	350	300
Polarization	±45°	±45°	±45°	±45°	±45°	±45°
Impedance	50 ohm					

Electrical Specifications, BASTA*

Frequency Band, MHz	698-787	824-894	1695-1880	1850-1990	1920-2200	2300-2360
Gain by all Beam Tilts, average, dBi	14.3	14.9	17.6	18.1	18.2	18.5
Gain by all Beam Tilts Tolerance, dB	±0.3	±0.5	±0.6	±0.4	±0.5	±0.6
	2° 14.3	2° 15.0	0 ° 17.2	0 ° 17.6	0 ° 17.7	0 ° 17.9
Gain by Beam Tilt, average, dBi	8° 14.3	8° 14.9	5° 17.6	5° 18.2	5° 18.3	5° 18.7
	14 ° 14.3	14 ° 15.4	10 ° 17.6	10 ° 18.2	10 ° 18.3	10 ° 18.7
Beamwidth, Horizontal Tolerance, degrees	±1.2	±1.4	±4	±2.4	±2.9	±2.7
Beamwidth, Vertical Tolerance, degrees	±0.9	±0.5	±0.3	±0.2	±0.3	±0.1
USLS, beampeak to 20° above beampeak, dB	18	17	17	18	19	18
Front-to-Back Total Power at 180° ± 30°, dB	25	24	26	29	27	29
CPR at Boresight, dB	22	23	20	21	21	24
CPR at Sector, dB	11	12	11	11	11	8

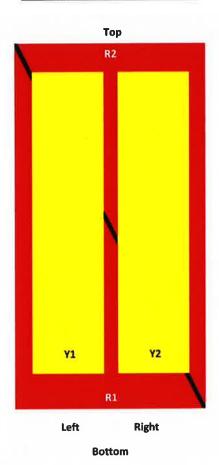
^{*} CommScope® supports NGMN recommendations on Base Station Antenna Standards (BASTA). To learn more about the benefits of BASTA, download the whitepaper Time to Raise the Bar on BSAs.

Array Layout



JAHH-65B-R3B

JAHH-65A-R3B JAHH-65B-R3B JAHH-65C-R3B



Array	Freq (MHz)	Conns	RET (SRET)	AISG RET UID
RI	698-798	1.2	1	ANasaxxxxxxxxxxxx
R2	824-894	3-4	- 2	ANXXXXXXXXXXXXXXXXXXXXXXX
YI	1695-2360	5-6	3	ANxxxxxxxxxxxxxxxxx
Y2	1695-2360	7-8	1	

View from the front of the antenna

(Sizes of colored boxes are not true depictions of array sizes)

General Specifications

Operating Frequency Band

Antenna Type

Band

Performance Note

1695 - 2360 MHz | 698 - 787 MHz | 824 - 894 MHz

Sector

Multiband

Outdoor usage

Mechanical Specifications

RF Connector Quantity, total

RF Connector Quantity, low band

RF Connector Quantity, high band

RF Connector Interface

Color

4

4.3-10 Female

Light gray



JAHH-65B-R3B

Grounding Type RF connector body grounded to reflector and mounting bracket

Radiator Material Aluminum | Low loss circuit board

Radome Material Fiberglass, UV resistant

Reflector Material Aluminum
RF Connector Location Bottom

Wind Loading, frontal 746.0 N @ 150 km/h 167.7 lbf @ 150 km/h

Wind Loading, lateral 243.0 N @ 150 km/h 54.6 lbf @ 150 km/h

Wind Loading, rear 776.0 N @ 150 km/h 174.5 lbf @ 150 km/h

Wind Speed, maximum 241 km/h | 150 mph

Dimensions

 Length
 1828.0 mm | 72.0 in

 Width
 350.0 mm | 13.8 in

 Depth
 208.0 mm | 8.2 in

 Net Weight, without mounting kit
 28.7 kg | 63.3 lb

Remote Electrical Tilt (RET) Information

Input Voltage 10-30 Vdc
Internal Bias Tee Port 1 | Port 5

Internal RET High band (1) | Low band (2)

Power Consumption, idle state, maximum 2.0 W Power Consumption, normal conditions, maximum 13.0 W

Protocol 3GPP/AISG 2.0 (Single RET)

RET Interface 8-pin DIN Female | 8-pin DIN Male

RET Interface, quantity 2 female | 2 male

Packed Dimensions

 Length
 1975.0 mm | 77.8 in

 Width
 456.0 mm | 18.0 in

 Depth
 357.0 mm | 14.1 in

 Shipping Weight
 42.0 kg | 92.6 lb

Regulatory Compliance/Certifications

Agency

Classification

RoHS 2011/65/EU

Compliant by Exemption

China RoHS SJ/T 11364-2006

Above Maximum Concentration Value (MCV)

ISO 9001:2008 Designed, manufactured and/or distributed under this quality management system







JAHH-65B-R3B

Included Products

BSAMNT-1 — Wide Profile Antenna Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.

* Footnotes

Performance Note

Severe environmental conditions may degrade optimum performance

ALCATEL-LUCENT B25 RRH4X30

Alcatel-Lucent Band 25 Remote Radio Head 4x30W is the new addition of Remote Radio Head to the extended product line of Alcatel-Lucent's distributed Base Station solutions, aimed at facilitating smooth RF site acquisition and related civil engineering.

Supporting 2Tx/4Tx MIMO and 4-way Rx diversity, Alcatel-Lucent B25 RRH4x30 allows operators to have a compact radio solution to deploy LTE in the PCS band (1.9 GHz, 3GPP band 25), providing them with the means to achieve high capacity, high quality and high coverage with minimum site requirements.

The Alcatel-Lucent B25 RRH4x30 product has four transmit RF paths, offering the possibility to **select, via software only, 2Tx or 4Tx MIMO configurations** with either 2x60 W or 4x30 W RF output power. It supports also 4-way Rx diversity, LTE carriers from 3 MHz up to 20 MHz and up to 65 MHz instantaneous bandwidth.

The Alcatel-Lucent B25 RRH4x30 is a near zero-footprint solution and operates noise free, simplifying negotiations with site property owners and minimizing environmental impacts.

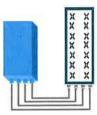
Its compactness and slim design makes the Alcatel-Lucent B25 RRH4x30 easy to install close to the antenna: operators can therefore locate this Remote Radio Head where RF design conditions are deemed ideal, minimizing trade-offs between available sites and RF optimum sites, together with reducing the RF feeder needs and installation costs.

FEATURES

- Supporting LTE in 1.9 GHz band (PCS, 3GPP band 2 & 25)
- LTE 2Tx or 4Tx MIMO (SW switchable)
- Output power: Up to 2x60W or 4x30W
- Ready for 3, 5, 10, 15 or 20MHz LTE carrier operation with 4Rx Diversity
- Ready to support up to 4 carriers anywhere in 65MHz instantaneous bandwidth
- Convection-cooled (fan-less)
- Supports AISG 2.0 devices (RET, TMA) through RS485 or RF ports

BENEFITS

- Compact to reduce additional footprint when adding LTE in PCS band
- MIMO scheme operation selection (2Tx or 4Tx) by software only
- Full flexibility for multiple carriers operation over entire PCS spectrum
- Improves downlink spectral efficiency and cell edge throughput through MIMO4
- Increases LTE coverage thanks to 4-way Rx diversity capability and best in class Rx sensitivity
- Flexible mounting options (Pole or Wall)



4x30W with 4T4R or 2x60W with 2T4R

Can be switched between modes via SW w/o site visit

TECHNICAL SPECIFICATIONS

	Features & performance
Number of TX/RX paths	4 duplexed (either 4T4R or 2T4R by SW)
Frequency band	3GPP bands 2 & 25 (PCS-G) DL: 1930 - 1995 MHz UL: 1850 - 1915 MHz
Instantaneous bandwidth - #carriers	65MHz – Up to 4 LTE carriers (in 40MHz occupied bandwidth)
LTE carrier bandwidth	3, 5, 10, 15 or 20 MHz
RF output power	2x60W or 4x30W (by SW)
Noise figure (3GPP band 2) RX Diversity scheme	2.0 dB typ. (<2.5 dB max) 2 or 4 way Rx diversity
Sizes (HxWxD)(w/ solar shield) in mm (in.) Volume (w/ solar shield) in L Weight (w/ solar shield) in kg (ib)	538 x 304 x 182 (21.2" x 12.0" x 7.2") 30 24 (53)
DC voltage range DC power consumption	-40.5 to -57V at full performance, -38 to -57V with relaxation on power consumption 580W typical @100% RF load
Environmental conditions Wind load (@150km/h or 93mph)	-40°C (-40°F) /+55°C (+131°F) IP65 Frontal: <200N / Lateral :<150N
Antenna ports	4 ports 7/16 DIN female (50 ohms) VSWR < 1.5 (> 14dB)
CPRI ports	2 CPRI ports (HW ready for Rate7 / 9.8 Gbps)
AISG interfaces	1 AISG2.0 output (RS485), +24V/2A DC power Integrated Smart Bias Tees (x2)
Misc. Interfaces	1 external alarms connector (4 alarms) 4 RF Tx & 4 RF Rx monitor ports 1 DC connector (2 pins)
Installation conditions	Pole and wall mounting
Regulatory compliance	3GPP 36.141 / 3GPP 36.113 / GR-1089-CORE / GR-3108-CORE / UL 60950-1 / FCC Part 27

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ALCATEL-LUCENT B66A RRH4X45

The Alcatel-Lucent B66a Remote Radio Head 4x45 is the newest addition of Remote Radio Head to the extended product line of Alcatel-Lucent's distributed Base Station solutions, aimed at facilitating smooth RF site acquisition and related civil engineering. Its operational range covers beyond that of B4 (AWS) and B10 (AWS+).

Supporting 2Tx/4Tx MIMO and 2-way/4-way Rx diversity, the Alcatel-Lucent B66a RRH4x45 allows operators to have a compact radio solution to deploy LTE in the 2100 band (3GPP band 4, 10, and 66), providing them with the means to achieve high capacity, high quality, high reliability, large instantaneous bandwidth, and high coverage with minimum site requirements.

The Alcatel-Lucent B66a RRH4x45 product has four transmit RF paths, offering the possibility to **select, via software only, 2Tx or 4Tx MIMO configurations** with either 2x90W or 4x45W RF output power. It also supports 4-way Rx diversity at the 70 MHz instantaneous bandwidth.

The Alcatel-Lucent B66a RRH4x45 is a compact (near zero-footprint) solution and operates noise free, simplifying negotiations with site property owners and minimizing environmental impacts.

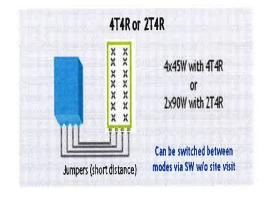
Its compactness and slim design makes the Alcatel-Lucent B66a RRH4x45 easy to install close to the antenna: operators can therefore locate this Remote Radio Head where RF design conditions are deemed ideal, minimizing trade-offs between available sites and RF optimum sites, together with reducing the RF feeder needs and installation costs.

FEATURES

- Supporting LTE in 2110 2180 MHz band/DL, 1710-1780MHz/UL (3GPP band 4, 10, and 66a)
- LTE 2Tx or 4Tx MIMO (SW selectable)
- Configuration: 2T2R/2T4R/4T4R
- Output power: Up to 2x90W or 4x45W (SW configurable)
- 70MHz LTE carrier with 4Rx Diversity
- · Convection-cooled (fan-less)
- Supports AISG 2.0 ALD devices (RET, TMA) through RS485 or RF ports

BENEFITS

- Compact to reduce additional footprint when adding LTE in AWS 1-3 band
- Selection of MIMO configuration (2Tx or 4Tx) by software only
- Improves downlink spectral efficiency through 4Tx MIMO
- Increases LTE coverage thanks to 4Rx diversity capability and best in class Rx sensitivity
- · Flexible mounting options: Pole or Wall





The Little Control	Features & Performance
Number of TX/RX paths	4 duplexed (either 4T4R or 2T4R selectable by SW)
Frequency band	AWS 1-3, B4/B66a DL: 2110-2180 MHz / UL: 1710-1780 MHz
Instantaneous bandwidth - #carriers	70 MHz - 4 LTE MIMO carriers (in 70 MHz occupied bandwidth)
LTE carrier bandwidth	5, 10, 15, 20 MHz
RF output power	2x90W or 4x45W (selectable by SW)
Noise figure – RX Diversity scheme Receiver Sensivity (FRC A1-3)	2 dB typical (<2.5 dB max) – 2 or 4 way Rx diversity -104.5 dBm maximum
Sizes (HxWxD) in mm (in.) Volume in Liters	655x299x182 (25.8x11.8x7.2) (with solar shield) 640x290x160 (25.2x11.4x6.3) (without solar shield) 35.5 (with solar shield) 29.7 (without solar shield)
Weight in kg (lb) (w/o mounting HW)	25.8kg (56.8lb) (with solar shield)
DC voltage range	Nominal: -48V, -40.5 to -57V at full performance, -38 to -57V with relaxation on power consumption
DC power consumption	750W typical @100% RF load (in 2Tx or 4Tx mode); Add 58W for 2A*29V for AISG
Environmental conditions Wind load (@150km/h or 93mph)	-40°C (-40°F) /+55°C (+131°F) UL50E Type 4 Enclosure 250N (56lb) Frontal/150N (34lb) Lateral
Antenna ports	4 ports 4.3-10 female (50 ohms) VSWR < 1.5
CPRI ports	2 CPRI ports (HW ready for Rate 7, 9.8 Gbps) SFP: SMDF (HW supports also SMSF and MMDF)
AISG interfaces	1 AISG 2.0 output (RS485) Integrated Smart Blas Tees (x2)
Misc. Interfaces	4 external alarms (1 connector) 1 DC connector (2 pins)
Installation conditions	Pole and wall mounting
Regulatory compliance	3GPP 36.141 / 3GPP 36.113 / GR-487 / GR-1089-CORE / GR-3108-CORE / UL 60950-1 / FCC Part 27 / FCC Part 15 / GR-3178-CORE

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ATTACHMENT 4

Visual Assessment & Photo-Simulations

WESTPORT 9 CT 385 POST ROAD EAST WESTPORT, CT 06880 All-Points Technology Corporation, P.C. 3 Saddlebrook Drive Killingworth, CT 06419

Prepared for Verizon Wireless





VISUAL ASSESSMENT & PHOTO-SIMULATIONS

At the request of Cellco partnership LLC d/b/a Verizon Wireless, All-Points Technology Corporation, P.C. ("APT") completed this visual assessment and prepared computer-generated photo-simulations depicting the proposed installation of a wireless telecommunications facility ("Facility") at 1385 Post Road East in Westport, Connecticut (the "Host Property").

Project Setting

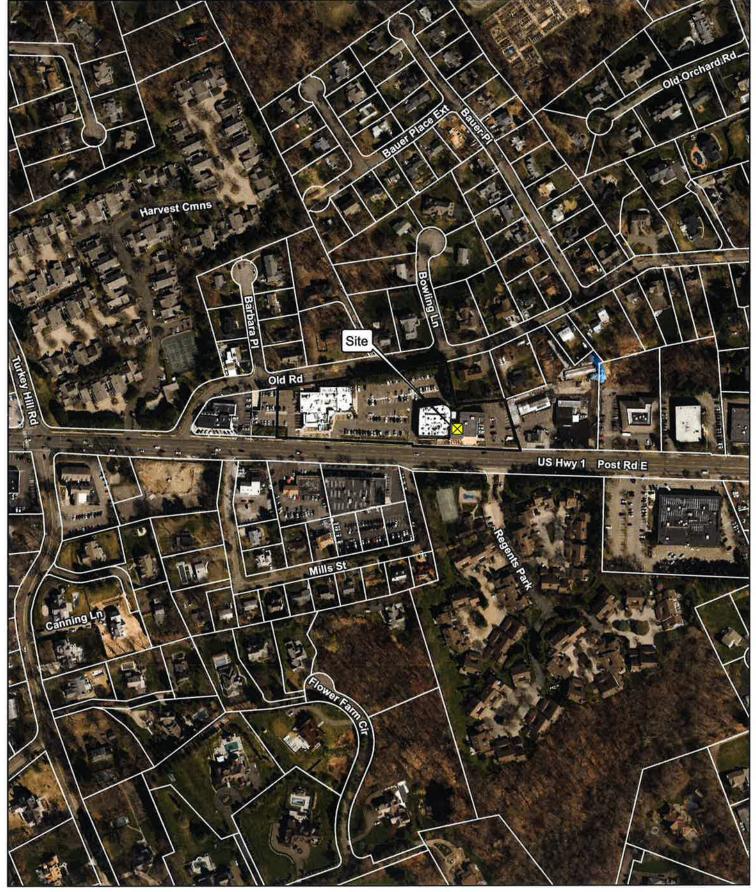
The Host Property is located along the northern side of Post Road (US Route 1), east of Turkey Hill Road and abutting Old Road to the north. The Host Property is currently developed with two (2) commercial retail buildings and paved parking areas. The surrounding land use is a mix of commercial retail development along Post Road and residential neighborhoods generally to the north and south. See Figure 1 – Site Location Map.

The proposed Facility would be located on the roof of the eastern most building and would include six (6) panel antennas, with associated appurtenances all concealed inside a fiberglass reinforced plastic ("FRP") radio frequency ("RF") transparent faux chimney enclosure. The FRP-RF enclosure would be designed to match the existing building's architecture. The height of the proposed FRP-RF concealment enclosure would be ±38-feet above ground level ("AGL"), extending approximately 10-feet above the existing building's roof line. Utility connections would be routed to the roof within a cable tray mounted to the northern exterior façade of the building. The proposed Facility components and their locations are illustrated in *Figure 2 – Proposed Equipment Location and Elevation Plan*.

Methodology

On July 25, 2017, APT personnel conducted field reconnaissance and photo-documented existing conditions. 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 using a focal length of 50 mm for consistency.

Three-dimensional computer models were developed for the building and proposed wireless telecommunication 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. A photolog map and copies of the existing conditions and photo-simulations are attached.



Legend



Subject Property

Approximate Parcel Boundary (CTDEEP GIS)

Map Notes: Base Map Source: CT ECO 2016 Imagery Map Scale: 1 inch = 300 feet Map Date: August 2017



Figure 1 - Site Location Map

Proposed Wireless Telecommunications Facility Westport 9 CT 1385 Post Road East Westport, Connecticut





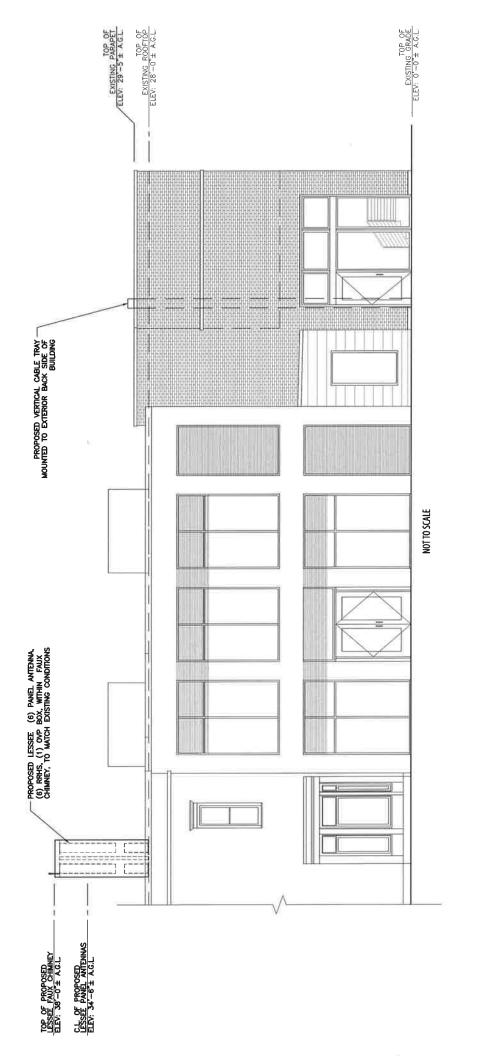


FIGURE 2 - PROPOSED EQUIPMENT LOCATION AND ELEVATION PLAN Details extracted from technical drawings provided by Nexius dated 6-26-17.

Photograph Locations

Three (3) photo-locations were simulated and present generally unobstructed view lines towards at least a portion of the proposed rooftop installation. The table below summarizes characteristics of the photographs and simulations presented in the attachment to this report including a description of each location, view orientation, and the distance from where the photo was taken relative to the proposed Facility. The photo locations are depicted on the photolog map provided as an attachment to this report.

View	Location	Orientation	Distance to Site
1	Post Road East	Northwest	±403 Feet
2	Post Road East	Northwest	±216 Feet
3	Post Road East	Northeast	±159 Feet

Conclusions

The visibility of the proposed Facility would be limited to locations primarily on the Host Property and along portions of Post Road where the top of the building can be seen today. Beyond these immediate areas, direct lines of sight towards the Facility would be obstructed by existing vegetation and structures along Post Road and, where visible the proposed FRP-RF enclosure (faux chimney) would appear to be an architectural component of the building. The utility cable tray on the northern exterior façade of the building would be out of view from Post Road and near-by residences to the north, which are screened by a dense row of mature evergreens.

Based on the results of this assessment, it is our opinion that the proposed installation of the proposed Verizon Wireless Facility will not have an adverse visual impact on existing views of this building or the character of the community.

Limitations

The photo-simulations provide a representation of the Facility under similar settings as those encountered during the reconnaissance. They are however static in nature and do not necessarily characterize the prevailing views from all locations within a given area. For example, moving a few feet in either direction from a specific photo location may significantly alter the view, including obscuring the Facility altogether. 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.

ATTACHMENTS

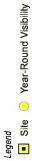




Mills St



PHOTO LOG







Old Rd



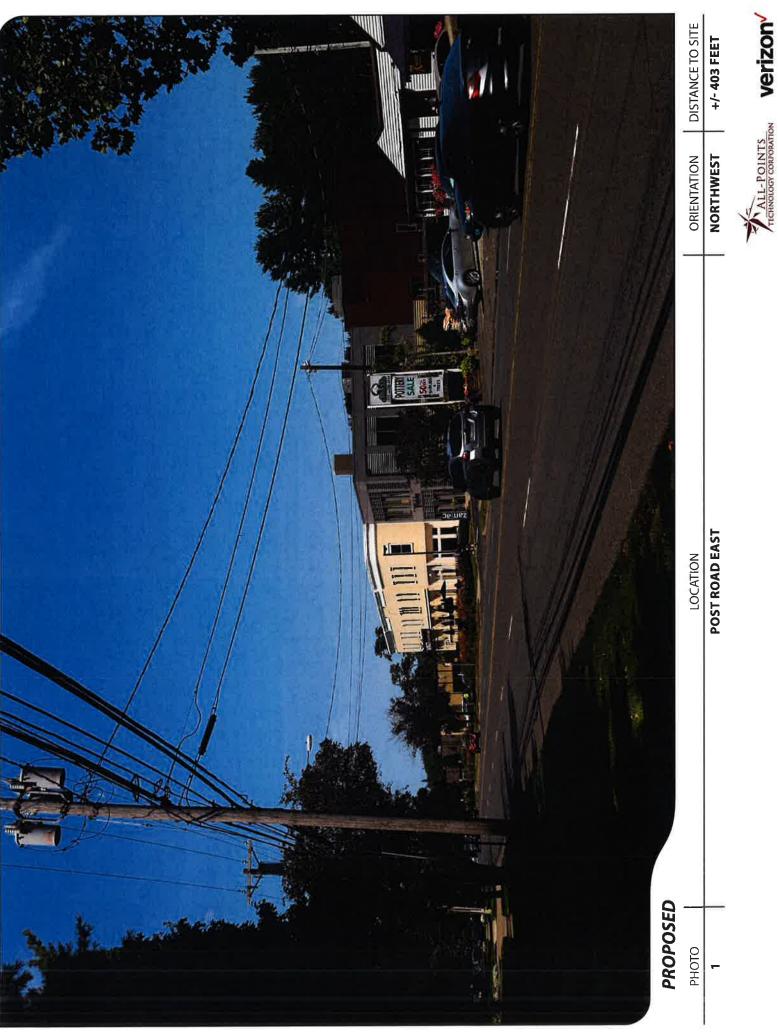














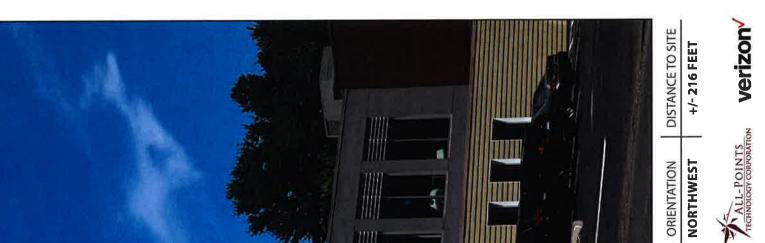


+/- 216 FEET

NORTHWEST

POST ROAD EAST

ALL-POINTS
TECHNOLOGY CORPORATION



PROPOSED

РНОТО

LOCATION

POST ROAD EAST







EXISTING

PHOTO

NORTHEAST

DISTANCE TO SITE +/- 159 FEET

AMMAMMAMM





DISTANCE TO SITE +/- 159 FEET ORIENTATION NORTHEAST

LOCATION

POST ROAD EAST

PROPOSED

PHOTO

ATTACHMENT 5



C Squared Systems, LLC 65 Dartmouth Drive Auburn, NH 03032 (603) 644-2800 support@csquaredsystems.com

Calculated Radio Frequency Emissions Report



Westport 9

1385 Post Road E, Westport, CT 06880

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1. Introduction

The purpose of this report is to investigate compliance with applicable FCC regulations for the proposed installation of Verizon Wireless antenna arrays on the rooftop of the 2-story building located at 1385 Post Road E in Westport, CT. There are no existing collocators on the rooftop. The coordinates of the building are 41° 08' 20.38" N, 73° 18' 57.85" W.

Verizon is proposing to install the following:

- 1) Install six dualband 1900/2100 MHz LTE antennas (two per sector);
- 2) Install six remote radio heads (RRHs) for 1900/2100 MHz LTE (two per sector);
- 3) Install a RF transparent faux chimney to enclose all antennas and RRHs.

2. FCC Guidelines for Evaluating RF Radiation Exposure Limits

In 1985, the FCC established rules to regulate radio frequency (RF) exposure from FCC licensed antenna facilities. In 1996, the FCC updated these rules, which were further amended in August 1997 by OET Bulletin 65 Edition 97-01. These new rules include Maximum Permissible Exposure (MPE) limits for transmitters operating between 300 kHz and 100 GHz. The FCC MPE limits are based upon those recommended by the National Council on Radiation Protection and Measurements (NCRP), developed by the Institute of Electrical and Electronics Engineers, Inc., (IEEE) and adopted by the American National Standards Institute (ANSI).

The FCC general population/uncontrolled limits set the maximum exposure to which most people may be subjected. General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

Public exposure to radio frequencies is regulated and enforced in units of milliwatts per square centimeter (mW/cm²). The general population exposure limits for the various frequency ranges are defined in the attached "FCC Limits for Maximum Permissible Exposure (MPE)" in Attachment B of this report.

Higher exposure limits are permitted under the occupational/controlled exposure category, but only for persons who are exposed as a consequence of their employment and who have been made fully aware of the potential for exposure, and they must be able to exercise control over their exposure. General population/uncontrolled limits are five times more stringent than the levels that are acceptable for occupational, or radio frequency trained individuals. Attachment B contains excerpts from OET Bulletin 65 and defines the Maximum Exposure Limit.

Finally, it should be noted that the MPE limits adopted by the FCC for both general population/uncontrolled exposure and for occupational/controlled exposure incorporate a substantial margin of safety and have been established to be well below levels generally accepted as having the potential to cause adverse health effects.

Westport 9 1 September 11, 2017



3. RF Exposure Prediction Methods

The emission field calculation results were generated using the following formula as outlined in FCC bulletin OET 65:

Power Density =
$$\left(\frac{1.6^2 \times EIRP}{4\pi \times R^2}\right) \times OffBeamLoss$$

Where:

EIRP = Effective Isotropic Radiated Power

R = Radial Distance =
$$\sqrt{(H^2 + V^2)}$$

H = Horizontal Distance from antenna in meters

V = Vertical Distance from radiation center of antenna in meters

Ground reflection factor of 1.6

Off Beam Loss factor of 10 dB (to account for directionality of antenna pattern)

These calculations assume that the antennas are operating at 100 percent capacity, that all antenna channels are transmitting simultaneously, and that the radio transmitters are operating at full power. As a result, the predicted signal levels reported below are much higher than the actual signal levels will be from the final site configuration.

4. Calculation Results

Table 1 below outlines the power density information for the site. Due to the directional nature of the proposed Verizon antennas, the majority of the RF power is focused out towards the horizon. As a result, there will be less RF power directed below the antennas relative to the horizon, and consequently lower power density levels around the base of the building. Please refer to Attachment C for the vertical patterns of the proposed Verizon antennas.

Carrier	Antenna Height (Feet)	Operating Frequency (MHz)	Number of Trans.	ERP Per Transmitter (Watts)	Power Density (mw/cm²)	Limit	%МРЕ
Verizon	34.5	1900	1	5119	2.2676	1.0000	22.68%
Verizon	34.5	2100	1	7857	3.4804	1.0000	34.80%
	*		***			Total:	57.48%

Table 1: Carrier Information 1

¹ Antenna heights listed for Verizon are in reference to the Nexius Lease Exhibit, dated June 26, 2017.



5. Conclusion

The above analysis verifies that emissions from the proposed site configuration will be below the maximum power density levels as outlined by the FCC in the OET Bulletin 65 Ed. 97-01. The highest, cumulative expected percent of Maximum Permissible Exposure at ground level is 57.48% of the FCC Uncontrolled/General Population limit.

6. Statement of Certification

I certify to the best of my knowledge that the statements in this report are true and accurate. The calculations follow guidelines set forth in ANSI/IEEE Std. C95.3, ANSI/IEE Std. C95.1 and FCC OET Bulletin 65 Edition 97-01.

Daniel L. Goulet-

C Squared Systems, LLC

September 11, 2017

Date



Attachment A: References

OET Bulletin 65 - Edition 97-01 - August 1997 Federal Communications Commission Office of Engineering & Technology

IEEE C95.1-2005, IEEE Standard Safety Levels With Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz IEEE-SA Standards Board

IEEE C95.3-2002 (R2008), IEEE Recommended Practice for Measurements and Computations of Radio Frequency Electromagnetic Fields With Respect to Human Exposure to Such Fields, 100 kHz-300 GHz IEEE-SA Standards Board



Attachment B: FCC Limits for Maximum Permissible Exposure (MPE)

(A) Limits for Occupational/Controlled Exposure²

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (E) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time $ E ^2$, $ H ^2$ or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1500	.	5 /E	f/300	6
1500-100,000	18 3	3 =	5	6

(B) Limits for General Population/Uncontrolled Exposure³

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (E) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time $ E ^2$, $ H ^2$ or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	$(180/f^2)*$	30
30-300	27.5	0.073	0.2	30
300-1500	-	(=	f/1500	30
1500-100,000	. 		1.0	30

f = frequency in MHz * Plane-wave equivalent power density

Table 2: FCC Limits for Maximum Permissible Exposure (MPE)

Westport 9 5 September 11, 2017

² Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

³ General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.



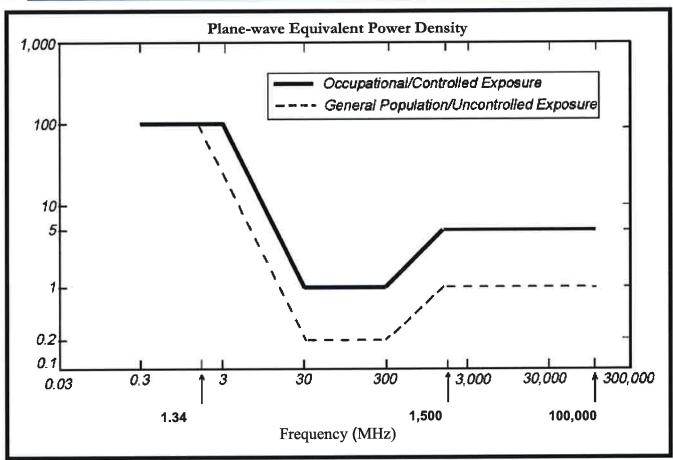


Figure 1: Graph of FCC Limits for Maximum Permissible Exposure (MPE)



Attachment C: Verizon Wireless' Antenna Model Data Sheets and Electrical Patterns

1900 MHz LTE

Manufacturer: Commscope

Model #: JAHH-65B-R3B_2

Frequency Band: 1850-1990 MHz

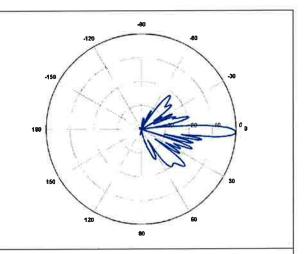
Gain: 16.3 dBd

Vertical Beamwidth: 5.2°

Horizontal Beamwidth: 63°

Polarization: $\pm 45^{\circ}$

Size L x W x D: 72.0" x 13.8" x 8.2"



2100 MHz LTE

Manufacturer: Commscope

Model #: JAHH-65B-R3B_2

Frequency Band: 1920-2200 MHz

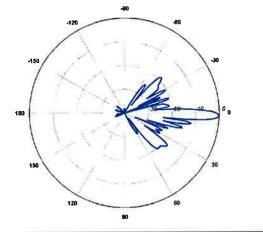
Gain: 16.4 dBd

Vertical Beamwidth: 4.9°

Horizontal Beamwidth: 65°

Polarization: $\pm 45^{\circ}$

Size L x W x D: 72.0" x 13.8" x 8.2"



ATTACHMENT 6

WESTPORT_9_CT_FAA_Analysis.txt Federal Airways & Airspace * Summary Report: Alteration Of Existing Structure * Non-Antenna Structure The star the star and star at the star the star and star the star at the star

Airspace User: Your Name

File: WESTPORT_9_CT

Location: Westport, CT

Latitude: 41°-08'-20.38" Longitude: 73°-18'-57.85"

SITE ELEVATION AMSL.....80.2 ft. STRUCTURE HEIGHT......118 ft. OVERALL HEIGHT AMSL.....198 ft. SURVEY HEIGHT AMSL.....198 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 BDR
FAR 77.9: NNR (No Expected TERPS® impact DXR)
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 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.

Notice Criteria found in Title 14 CFR 77.9 applies to the alteration of existing structures.

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 Page 1

```
WESTPORT_9_CT_FAA_Analysis.txt FAR 77.19(d): DNE - Approach Surface
        FAR 77.19(e): DNE - Transitional Surface
     VFR TRAFFIC PATTERN AIRSPACE FOR: BDR: IGOR I SIKORSKY MEMORIAL Type: A RD: 50855.8 RE: 8.5 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
      VFR TRAFFIC PATTERN AIRSPACE FOR: DXR: DANBURY MUNI
      Type: A RD: 94839 RE: 454.1 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
                                                                       RANGE DELTA ARP FAA
                                                          BEARING
        FACIL
        IDENT TYP NAME
                                                                       IN NM ELEVATION IFR
                                                         To FACIL
                                                         -----
                                                                        3.62
                                                                                   +138
        1CTO HEL NORDEN SYSTEMS
        No Impact to Private Landing Facility
Structure is beyond notice limit by 16995 feet.
                                                            249.83
                                                                        5.1
                                                                                    +42
        5CT4 HEL NORWALK HOSPITAL
        No Impact to Private Landing Facility
Structure is beyond notice limit by 25988 feet.
                                                                        5.1
                                                                                    +33
                                                            278.98
        CT91 HEL USSC
        No Impact to Private Landing Facility
        Structure is beyond notice limit by 25988 feet.
                                                            273.7
                                                                        5.11
                                                                                    -82
        9CT1 HEL THE TOWERS
        No Impact to Private Landing Facility
        Structure 6 ft below heliport.
        CT56 HEL 50 WASHINGTON STREET
                                                                         5.27
                                                                                    +55
                                                            243.64
        No Impact to Private Landing Facility Structure is beyond notice limit by 27021 feet.
        CT37 HEL SIKORSKY BRIDGEPORT
                                                                         5.3
                                                                                    +191
        No Impact to Private Landing Facility
Structure is beyond notice limit by 27203 feet.
      AIR NAVIGATION ELECTRONIC FACILITIES
                                                                                               GRND
                                                   DIST DELTA
        FAC
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APCH
                  TYPE
                             AT FREQ VECTOR (ft) ELEVA ST LOCATION
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__ _____

WESTPORT_9_CT_FAA_Analysis.txt

BDR	VOR/DME	R	108.8	81.43	53356	+189	CT	BRIDGEPORT	.20
OP	NDB	I	31	137.33	80336	+161	NY	OLD FIELD POINT L	.11
CMK	VOR/DME	I	116.6	305.25	89270	-496 1	NY	CARMEL	32
HPN	RADAR	ON	2735.	257.5	112659	-312	NY	WESTCHESTER COUNT	16
The s	npact. Altera studied loca calculated Ra location and	tion adar	is wit	:hin 20)f-Sight	NM of a : (LOS) o	Radar distan	fa ce	cility. is: 45 NM.	
DPK	VOR/DME	I	117.7	178.45	126572	+75	NY	DEER PARK	.03
HVN	VOR/DME	R	109.8	69.11	126811	+192	СТ	NEW HAVEN	.09
ISP	RADAR	ON	2735.	153.38	135601	+16	NY	LONG ISLAND MacAR	.01
кокх	RADAR WXL	Υ		128.74	159700	+3 1	NY	NEW YORK	0.00
CCC	VOR/DME	R	117.2	118.3	161815	+113	NY	CALVERTON	.04
MAD	VOR/DME	R	110.4	69.43	183072	-22	СТ	MADISON	01
QVH	RADAR ARSR	Υ :	1326.9	118.86	197777	-153	NY	RIVERHEAD	04
LGA	VOR/DME	R	113.1	229.51	200113	+189	NY	LA GUARDIA	.05
JFK	RADAR	ON	2755.	214.24	220495	+111	NY	JOHN F KENNEDY IN	.03

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: WSHU @ 6171 meters.

Airspace® Summary Version 17.7.471

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08-28-2017 16:13:52

ATTACHMENT 7



	TOTAL NO.	L NO.	Affiv Stamp Hara			
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	isted by Sender	of Pieces Received at Post Office™ mployee)	Postmark with Date of Receipt.	neopost ³⁸ 09/19/2017 US POSTAGE	leopust # \$002.380	
USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code ¹¹⁴)	and ZIP Code [™])	Postage	Fee	Special Handling	Parcel Airlift
1.	James Marpe, First Selectman Town of Westport 110 Myrtle Avenue Westport, CT 06880	ctman				
2.	Mary Young, Director Planning and Zoning Town of Westport 110 Myrtle Avenue Westport, CT 06880			STATE HOUSE		
3.	Capfor Westport LLC 19 Old Kings Highway Darien, CT 06820	ay		SEP 1 9 2017		
4.			18 . -	5d97		
5.			-	ā		
(b)						

See Reverse for Instructions

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 19, 2017

Via Certificate of Mailing

James Marpe, First Selectman Town of Westport 110 Myrtle Avenue Westport, CT 06880

Re: Petition for Declaratory Ruling Filed with the Connecticut Siting Council for the Installation of a Wireless Telecommunications Facility at 1385 Post Road East, Westport, Connecticut

Dear Mr. Marpe:

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 telecommunications facility at 1385 Post Road East in Westport (the "Property"). The facility will consist of a small tower/mast, six (6) antennas and six (6) remote radio heads (RRHs) inside a radio frequency transparent faux chimney structure. Equipment associated with Cellco's antennas will be located inside an equipment room in the building's parking garage.

A copy of the Petition is attached for your review. Landowners whose parcels abut the Property were also sent notice of this filing along with a copy of the Petition.

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

Sincerely,

Kenneth C. Baldwin

Attachment

17082379-v1

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 19, 2017

Via Certificate of Mailing

Mary Young, Director Planning and Zoning Town of Westport 110 Myrtle Avenue Westport, CT 06880

Re: Petition for Declaratory Ruling Filed with the Connecticut Siting Council for the Installation of a Wireless Telecommunications Facility at 1385 Post Road East, Westport, Connecticut

Dear Ms. Young:

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 telecommunications facility at 1385 Post Road East in Westport (the "Property"). The facility will consist of a small tower/mast, six (6) antennas and six (6) remote radio heads (RRHs) inside a radio frequency transparent faux chimney structure. Equipment associated with Cellco's antennas will be located inside an equipment room in the building's parking garage.

A copy of the Petition is attached for your review. Landowners whose parcels abut the Property were also sent notice of this filing along with a copy of the Petition.

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

Sincerely,

Kennetk C. Baldwin

Attachment

17082399-v1

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 19, 2017

Via Certificate of Mailing

Capfor Westport LLC 19 Old Kings Highway Darien, CT 06820

Re: Petition for Declaratory Ruling Filed with the Connecticut Siting Council for the Installation of a Wireless Telecommunications Facility at 1385 Post Road East, Westport, Connecticut

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Sincerely,

Kenneth C. Baldwin

Attachment

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ATTACHMENT 8

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S.	46 Old Road LLC 237 Greens Farm Road Westport, CT 06880	p		SEP 19 2017		
4.	Sadie P. Costa Est. 2 Sherman Court Fairfield, CT 06824			SdS/		
ري.	Mat Capital Corp. 1372 Post Road East Westport, CT 06880		*		A	
6.	Mat Capital Corp. 1372 Post Road East Westport, CT 06880					
PS Form 3665 , January 2017 (Page of) PSN 75) PSN 7530-17-000-5549				See	See Reverse for Instructions

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Parcel Airlift ZIP 06103 041L12203380 08/19/2017 US POSITAGE \$001.300 Special Handling SEP 1 9 2017 STATE HOUSE neopost Fee Affix Stamp Here Postmark with Date of Receipt. USPS Postage TOTAL NO. of Pieces Received at Post Office™ Address (Name, Street, City, State, and ZIP Code™) Postmaster, per (name of receiving employee) Regents Park Condominium Association Inc. 1400 Post Road East Westport, CT 06880 TOTAL NO. of Pieces Listed by Sender PS Form **3665**, January 2017 (Page of) PSN 7530-17-000-5549 USPS® Tracking Number Firm-specific Identifier Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103 LOS MAL SERVICE® Name and Address of Sender

See Reverse for Instruction:

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 19, 2017

Via Certificate of Mailing

«Owners_Name_and_Mailing_Address»

Re: Petition for Declaratory Ruling Filed with the Connecticut Siting Council for the Installation of a Wireless Telecommunications Facility at 1385 Post Road East, Westport, Connecticut

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This notice is being sent to you because you are listed on the Town Assessor's records as an owner of land that abuts the Property. If you have any questions regarding the Petition, the Council's process for reviewing the 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

Kunie gmu

Attachment

CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS

ABUTTING PROPERTY OWNERS

1385 POST ROAD EAST WESTPORT, CONNECTICUT

	Property Address	Owner's Name and Mailing Address
1	1317 Post Road East	Country Realty Co. 358 Broadway, Suite 403 Saratoga Springs, NY 12866
2.	15 Old Road	Theodore and Chika MacDonald 15 Old Road Westport, CT 06880
3	23 Old Road	Gail Fraser Sabella 7 Glenwood Avenue Norwalk, CT 06854
4.	25 Old Road	Dimitrios and Barbara Koutsoukos 2 Silent Grove N Westport, CT 06880
5.	35 Old Road	John and Kristine Nielson 35 Old Road Westport, CT 06880
6.	1 Bowling Lane	Paul and Karen DeDomenico 1 Bowling Lane Westport, CT 06880
7.	41 Old Road	Allan and Robin Hoving 41 Old Road Westport, CT 06880
8.	40 Old Road	Mark Belcarz and Pamela Valentino 40 Old Road Westport, CT 06880
9.	46 Old Road	46 Old Road LLC 237 Greens Farm Road Westport, CT 06880

	Property Address	Owner's Name and Mailing Address
10.	1431 Post Road East	Sadie P. Costa Est. 2 Sherman Court Fairfield, CT 06824
11.	1360 Post Road East	Mat Capital Corp. 1372 Post Road East Westport, CT 06880
12.	1372 Post Road East	Mat Capital Corp. 1372 Post Road East Westport, CT 06880
13.	Regents Park Condominium	Regents Park Condominium Association Inc. 1400 Post Road East Westport, CT 06880