STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:	:	
	:	
A PETITION OF CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS FOR A DECLARATORY RULING THAT THE INSTALLATION OF A SMALL CELL TELECOMMUNICATIONS FACILITY AT 200 PHOENIX AVENUE, ENFIELD, CONNECTICUT WILL NOT HAVE A SUBSTANTIAL ADVERSE ENVIRONMENTAL EFFECT	:	PETITION NO. ____
	:	OCTOBER 31, 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 the installation of a "small cell" telecommunications facility at 200 Phoenix Avenue in Enfield, Connecticut (the "Property") will not have a substantial adverse environmental effect and pursuant to Section 16-50k(a) of the Connecticut General Statutes ("C.G.S.") would not require the issuance of a Certificate of Environmental Compatibility and Public Need ("Certificate"). The Property is owned by the Enfield Fire District 1 and is used for municipal emergency service purposes. Cellco refers to the proposed facility as its "Enfield SC8 Facility".

II. Factual Background

The Property is an approximately 8.29-acre parcel in Enfield's Industrial (I-1) zone district and is surrounded by industrial uses to the north, south and east and by Interstate 91 to the

west. *See* Attachment 1 – Site Vicinity and Site Schematic Maps (Aerial Photograph). Cellco is licensed to provide wireless telecommunications services in the 700 MHz, 850 MHz, 1900 MHz and 2100 MHz frequency ranges in Enfield and throughout the State of Connecticut. Initially, the proposed Enfield SC8 Facility will provide wireless service in Cellco's 2100 MHz frequency range only.

A. Proposed Enfield SC8 Facility

The proposed Enfield SC8 Facility would consist of a single tower mast attached to the southerly façade of the fire district building. The tower mast would support a single canister antenna (Model CUUT360x06) and remote radio head (RRH). The top of the antenna would extend to a height of approximately 36'-2" above ground level (AGL); approximately five (5) feet above the roof of the building. Radio and electrical equipment associated with the antenna will be located within an 8' x 8' fenced enclosure along the south side of the building. (*See* Cellco's Project Plans included in Attachment 2). Power and telephone service to the Enfield SC8 Facility will extend from existing service at the Property. Specifications for the Enfield SC8 Facility antenna and RRH are included in Attachment 3.

III. 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 tower mast attached to the facade of the Enfield Fire District 1 building, supporting a canister antenna, RRH and the installation of ground-mounted equipment, will not involve a significant alteration in the physical and environmental characteristics of the Property.

2. Visual Effects

The visibility of the proposed "small cell" facility would be limited to locations primarily on the Property and on the adjoining industrial parcels to the south and east. (*See* Visual Analysis ("Visual Analysis") included in Attachment 4). Based on the results of a Visual Analysis, Cellco has determined that the proposed "small cell" facility will not have an adverse visual impact on the character of the area.

3. 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 Attachment 5 is a general power density table for Cellco's "small cell" antenna at a centerline height of approximately 35'-2" AGL. This worst-case calculation indicates that the Enfield SC8 Facility will operate well within the RF emission standards(23.07% of the Standard) established by the FCC.

4. FAA Summary Report

Included in Attachment 6 of this Petition is a Federal Airways & Airspace Summary Report verifying that the new tower mast and antenna described in this Petition 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 October 31, 2017, a copy of this Petition was sent to Enfield Town Manager, Bryan Chodkowski; Roger O'Brien, Enfield's Planning Director; and the Enfield Fire District 1, the owner of the Property. Notice of Cellco's intent to file the Petition was also sent to the owners of land that abuts the Property. Included in Attachment 7 are copies of the letters sent to Mr. Chodkowski, Mr. O'Brien and the Enfield Fire District 1. Included in Attachment 8 is a sample abutter's letter and the list of those abutting landowners who were sent notice of the filing of the Petition.

IV. 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 mast used to support a "small cell" wireless antenna, RRH and the installation of ground-mounted radio and electrical equipment 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.

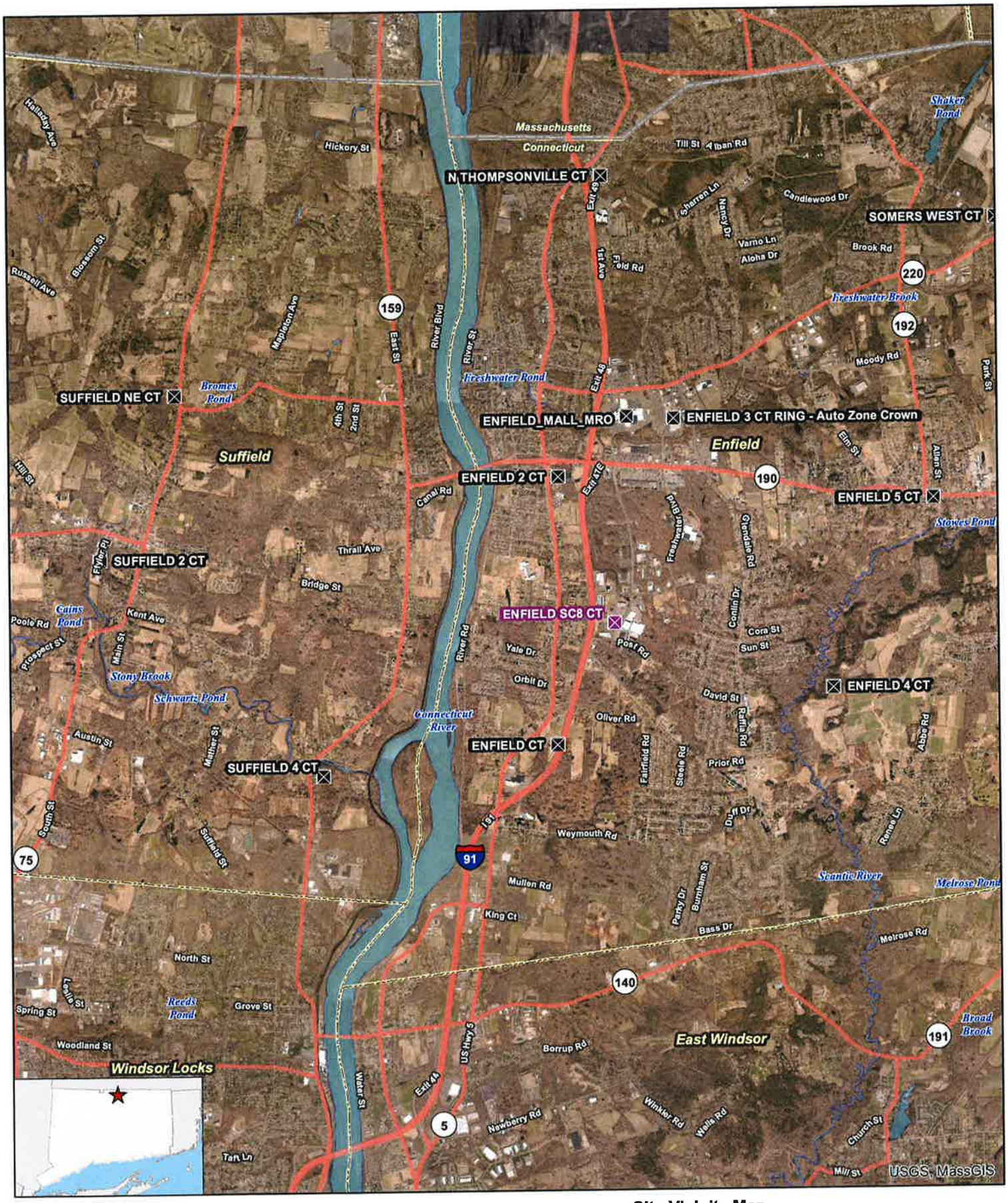
Respectfully submitted,

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 Facility
- Surrounding Verizon Wireless Facilities
- Municipal Boundary
- State Boundary

Base Map Sources: 2016 Aerial Photograph (CTECO), Massachusetts 2013-2014 USGS Color Ortho Imagery (MassGIS)
Map Scale:1 Inch = 5,000 feet
Map Date: October 2017

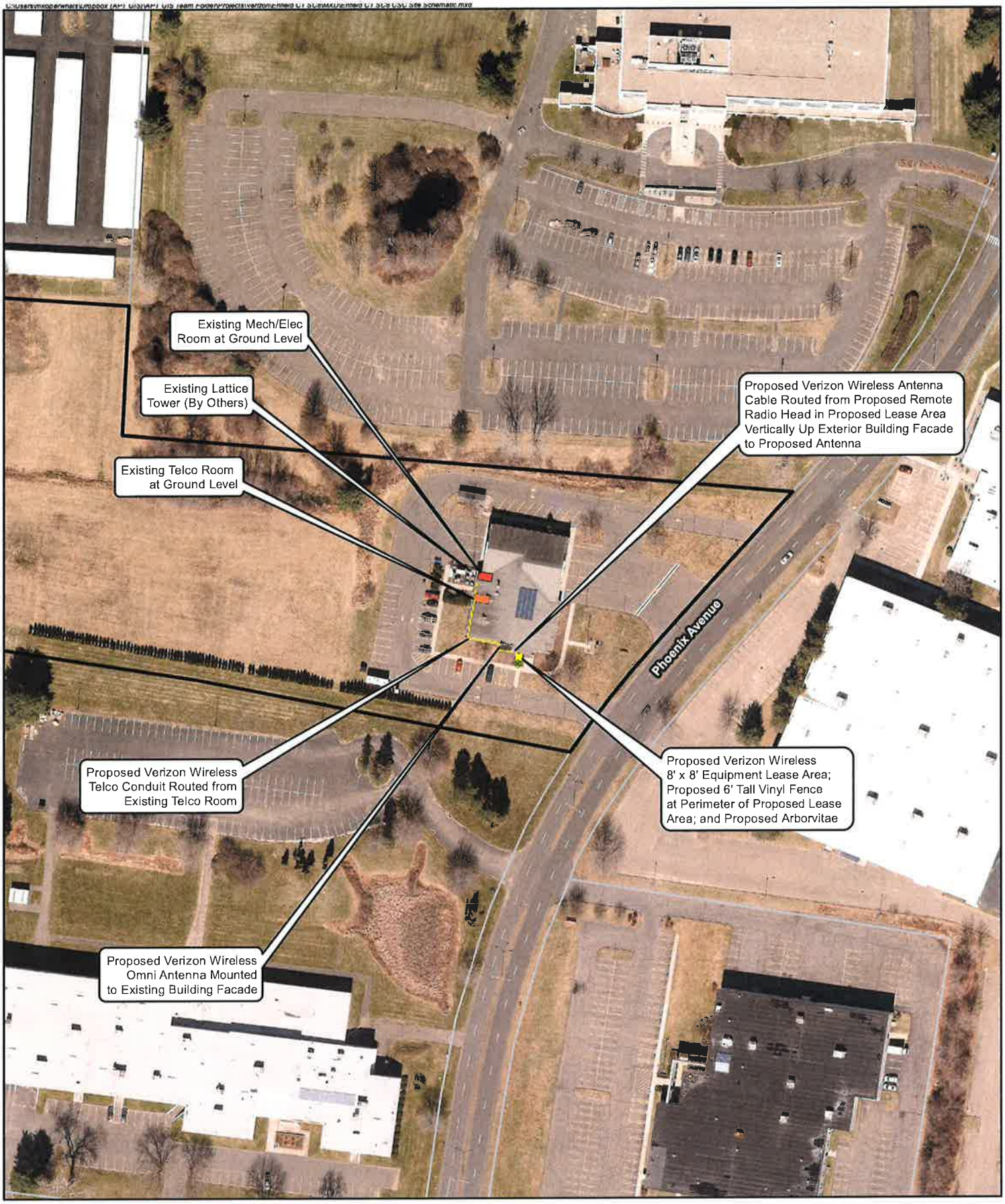
5,000 2,500 0 5,000 Feet

Site Vicinity Map

Proposed Wireless
Telecommunications Facility
Enfield SC8 CT
200 Pheonix Avenue
Enfield, Connecticut

verizon

ALL-POINTS TECHNOLOGY CORPORATION



Legend

- Proposed Verizon Wireless Lease Area
- Proposed Verizon Wireless Equipment
- Proposed Verizon Wireless Conduit
- Proposed Verizon Wireless Arborvitae
- Existing Electrical/Mechanical Room (By Others)
- Existing Telco Room (By Others)
- Subject Property
- Approximate Parcel Boundary (CTDEEP GIS)

Map Notes:
Base Map Source: CT ECO 2016 Imagery
Map Scale: 1 inch = 150 feet
Map Date: October 2017

N W E S

150 75 0 150 Feet

Site Schematic

Proposed Wireless Telecommunications Facility
Enfield SC8 CT
200 Pheonix Avenue
Enfield, Connecticut

verizon

ALL-POINTS TECHNOLOGY CORPORATION

ATTACHMENT 2

verizon

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

SITE NAME:

ENFIELD SC8 CT

LOCATION CODE:

467497

SITE ADDRESS:

200 PHOENIX AVENUE
ENFIELD, CT 06082

FOR CSC REVIEW ONLY
NOT FOR CONSTRUCTION

SITE INFORMATION

SITE NAME:	ENFIELD SC8 CT
LOCATION CODE:	467497
SITE ADDRESS:	200 PHOENIX AVENUE ENFIELD, CT 06082
COUNTY:	HARTFORD COUNTY
LATITUDE:	41° 58' 23.03" N (NAD83)
LONGITUDE:	72° 35' 02.66" W (NAD83)
GROUND LEVEL:	131'± A.M.S.L. (NAVD83)
OWNER:	ENFIELD FIRE DISTRICT NO 1 200 PHOENIX AVENUE ENFIELD, CT 06082
STRUCTURE TYPE:	CANISTER ANTENNA
STRUCTURE HEIGHT:	36'-9"±

VICINITY MAP

GENERAL NOTES AND APPLICABLE CODES

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

   1.1. HANDICAPPED ACCESS IS NOT REQUIRED.
   1.2. POTABLE WATER OR SANITARY SERVICE IS NOT REQUIRED.
   1.3. 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.

3. 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 STANDARDS.

3.4 AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
3.5 AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION.
3.6 TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)
  3.6.1 TIA 222-G, STRUCTURAL STANDARDS FOR STEEL ANTENNA SUPPORTING STRUCTURES AND ANTENNAS WITH ADDENDUM.
  3.6.2 TIA 607, GENERIC TELECOMMUNICATIONS BONDING AND GROUNDING (EARTHING) FOR CUSTOMER PREMISES.
3.7 INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)
  3.7.1 IEEE 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUNDING SYSTEM.
  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.

SHEET INDEX

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 IMPOSE CHANGES OR MODIFICATIONS.

LEASING/SITE ACQUISITION: _____ DATE: _____

LANDLORD: _____ DATE: _____

VERIZON WIRELESS CM: _____ DATE: _____

VERIZON WIRELESS RF: _____ DATE: _____

PREPARED BY:

NEXIUS
TRANSFORM YOUR BUSINESS...THROUGH WIRELESS

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

APPLICANT:

verizon

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

STATE OF CONNECTICUT
MICHAEL R. SNADER
32295
LICENSED
PROFESSIONAL ENGINEER

DocuSigned by:
Michael R. Snader
B440F878BF774C1...
10/26/2017

SUBMITTALS

REV	DATE	DESCRIPTION	BY
0	09/15/17	FINAL CSC DRAWING	KT
1	10/12/17	REVISED PER 2-C	AA
2	10/18/17	REVISED NEW ANTENNA	KT
3	10/24/17	REVISED PER COMMENTS	KT

SITE INFO:

SITE NAME:
ENFIELD SC8 CT

LOCATION CODE:
467497

SITE ADDRESS:
200 PHOENIX AVENUE
ENFIELD, CT 06082

SHEET TITLE:
TITLE SHEET

NEXIUS PROJ. NO:
VZ11509

SHEET NUMBER:
T-1

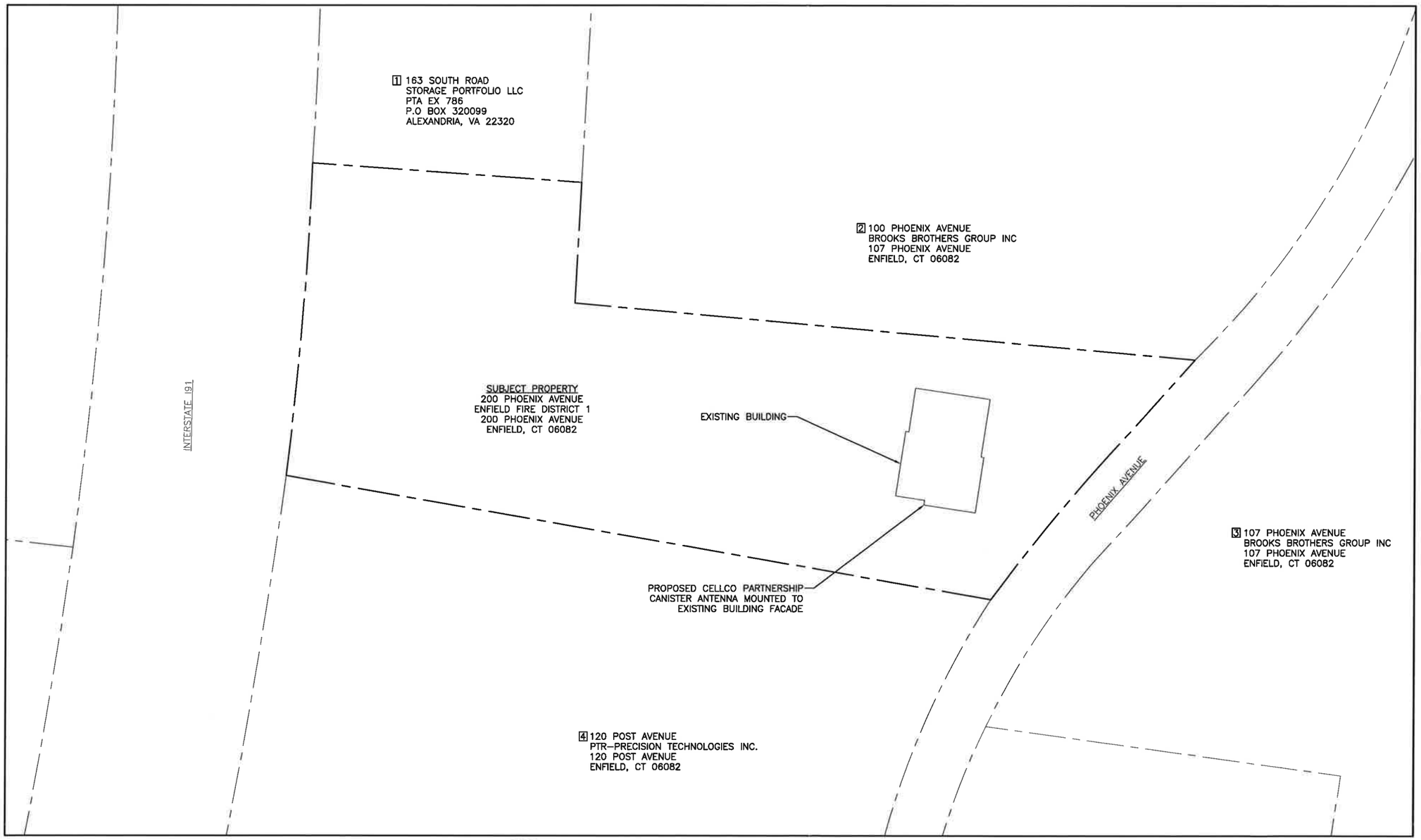
CHECKED BY:
KB

CHECKED BY DATE:
10/24/17

NOTES:

1. SITE PLAN IS NOT THE RESULT OF A SURVEY. IT IS BASED ON EXISTING PARCEL MAPS AVAILABLE FROM THE CITY/TOWN GIS DATABASE.
2. ALL INFORMATION SHOWN IS APPROXIMATE ONLY AND SUBJECT TO ANY CONDITION THAT A SURVEY MAY REVEAL.

FOR CSC REVIEW ONLY
NOT FOR CONSTRUCTION



APPROX. NORTH

2 ABUTTERS MAP
SCALE: 1" = 60'

GRAPHIC SCALE: 1"=60'

PREPARED BY:

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

APPLICANT:

verizon

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STATE OF CONNECTICUT
MICHAEL R. SNADER
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DocuSigned by:
Michael R. Snader
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10/26/2017

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

SUBMITTALS

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0	09/15/17	FINAL CSC DRAWING	KT
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ENFIELD, CT 06082

SHEET TITLE:
ABUTTERS MAP

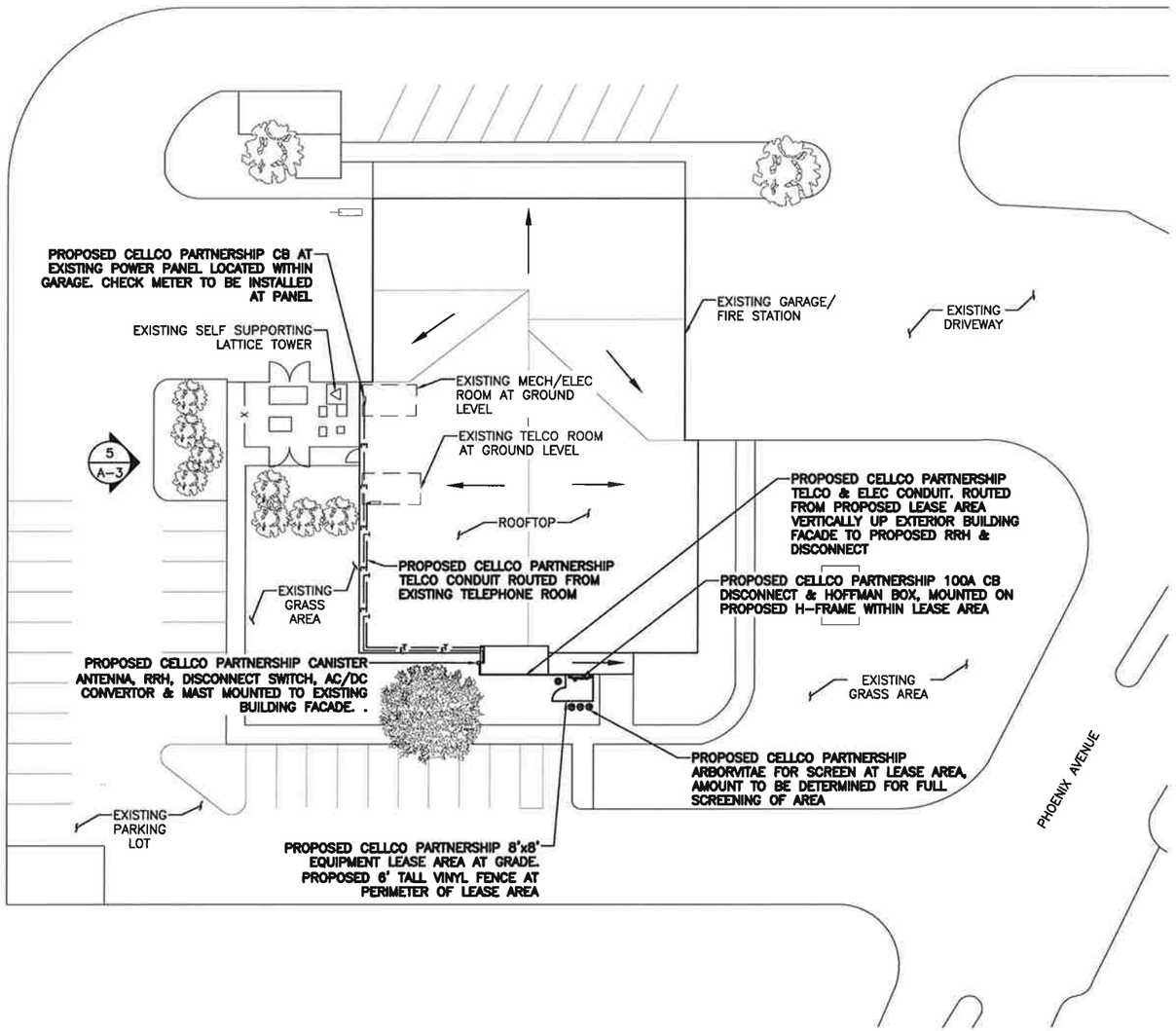
NEXIUS PROJ. NO: **VZ11509**

SHEET NUMBER: **A-1**

CHECKED BY: KB

CHECKED BY DATE: 10/24/17

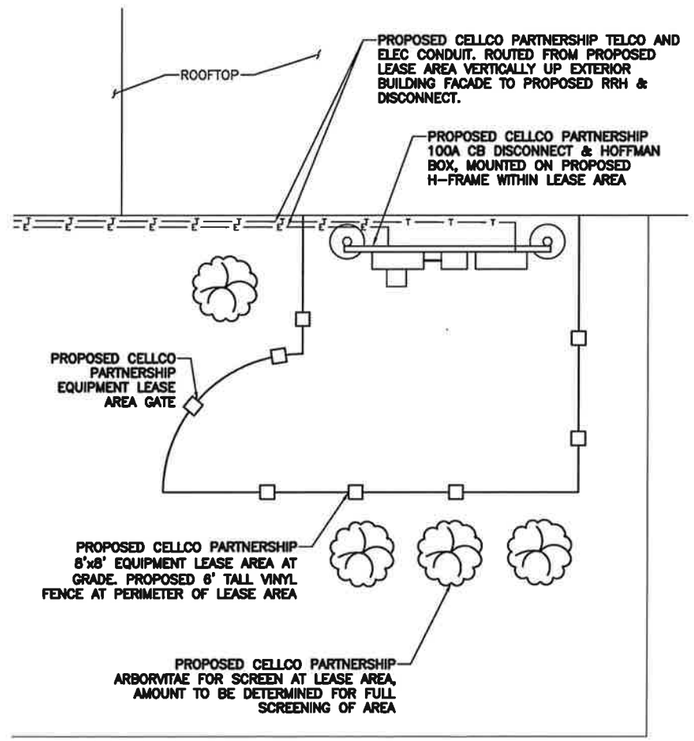
FOR CSC REVIEW ONLY
NOT FOR CONSTRUCTION



1 SITE PLAN
SCALE: 1" = 20'

GRAPHIC SCALE: 1"=20'

APPROX. NORTH



2 LEASE AREA DETAIL
SCALE: 1/2" = 1'-0"

GRAPHIC SCALE: 1/2"=1'-0"

APPROX. NORTH

PREPARED BY:

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10/26/2017

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1	10/12/17	REVISED PER Z-C	AA
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3	10/24/17	REVISED PER COMMENTS	KT

SITE INFO:

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ENFIELD SC8 CT

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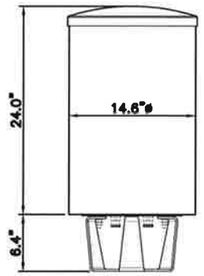
200 PHOENIX AVENUE
ENFIELD, CT 06082

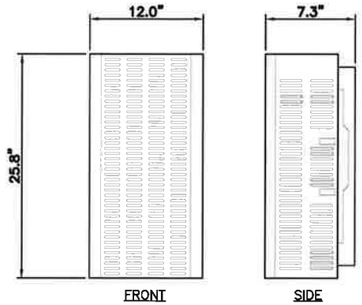
SHEET TITLE:
SITE PLAN

NEXIUS PROJ. NO:	SHEET NUMBER:
VZ11509	A-2
CHECKED BY: KB	
CHECKED BY DATE: 10/24/17	

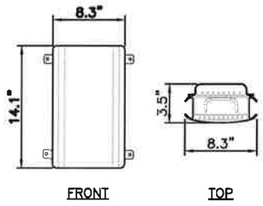


ANTENNA SPECIFICATIONS	
DIMENSIONS	14.6"ø x 24.0"
WEIGHT	22.1 LBS

1 ANTENNA SPEC
SCALE: N.T.S.



2 RRH SPEC
SCALE: N.T.S.



3 AC/DC CONVERTOR SPEC
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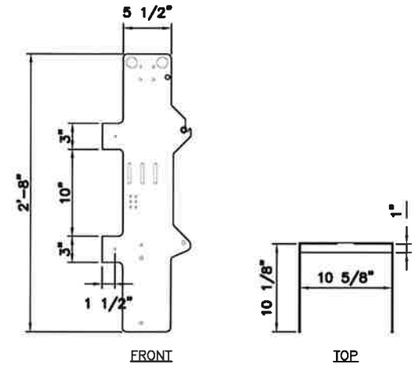
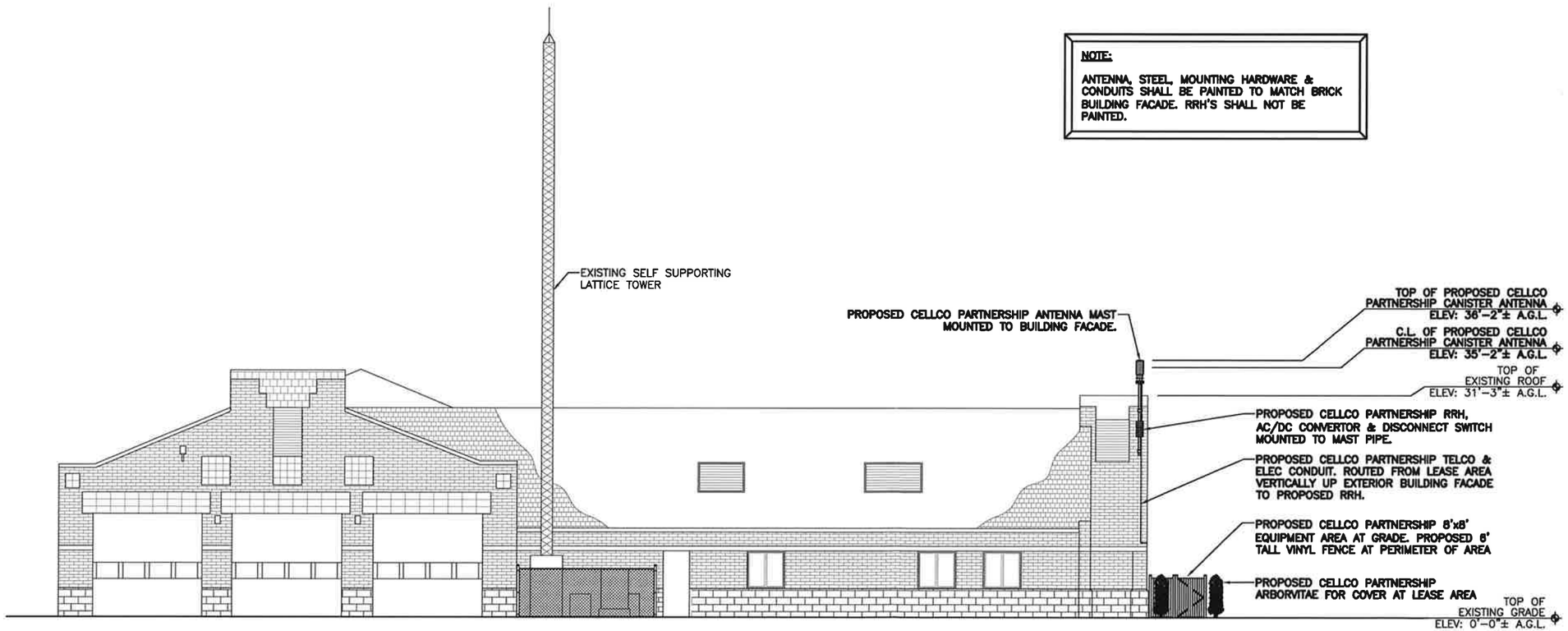


4 EQUIPMENT MOUNTING BRACKET
SCALE: N.T.S.

NOTE:

ANTENNA, STEEL, MOUNTING HARDWARE & CONDUITS SHALL BE PAINTED TO MATCH BRICK BUILDING FACADE. RRH'S SHALL NOT BE PAINTED.



5 WEST ELEVATION
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE: 1/8"=1'-0"

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SITE INFO:

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467497

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200 PHOENIX AVENUE
ENFIELD, CT 06082

SHEET TITLE:
ELEVATION & DETAILS

NEXIUS PROJ. NO: **VZ11509**

SHEET NUMBER: **A-3**

CHECKED BY: KB

CHECKED BY DATE: 10/24/17

ATTACHMENT 3

CUUT360X06Fxyz0

TRI BAND | OMNI | CANISTER ANTENNA | X-POL | FIXED TILT | 610 MM (24.0 IN)

Features

- Omni configuration with 6 connectors
- Ideal for Small Cell / DAS applications
- Available with 4.3-10 *or* 7/16-DIN connectors
- Four unique mounting options
- Available in gray and brown

Connector Description

The antenna has 6 connectors located at the bottom.

Low Band	R1	696-960 MHz	(2x) 4.3-10 *or* 7/16-DIN Female
Mid Band #1	Y1	1695-2700 MHz	(2x) 4.3-10 *or* 7/16-DIN Female
Mid Band #2	Y2	1695-2700 MHz	(2x) 4.3-10 *or* 7/16-DIN Female

Electrical Characteristics

Electrical Characteristics	R1		Y1 and Y2			
Frequency Bands (MHz)	696-960 MHz		(2x) 1695-2700 MHz			
	696-806	806-960	1695-1880	1850-1990	1920-2200	2300-2700
Polarization	±45°		(2x) ±45°			
Horizontal Beamwidth	360°	360°	360°	360°	360°	360°
Vertical Beamwidth	47.5° ±5.2°	35.4° ±7.8°	17.4° ±1.7°	16.0° ±1.1°	15.3° ±1.2°	12.6° ±1.4°
Gain (dBi)	6.3 ± 2.0	5.6 ± 1.4	9.2 ± 1.8	9.3 ± 2.8	9.5 ± 2.4	9.6 ± 3.0
Electrical Downtilt (°)	(x) 0, 5		(y) 0, 6			
Impedance	50Ω		50Ω			
VSWR	≤ 1.5:1		≤ 1.5:1			
Upper Sidelobe Suppression	N/A		> 12 dB			
Isolation Between Ports	20 dB		25 dB			
IM3 (2x20W carrier)	< -153 dBc		< -153 dBc			
Input Power	(2x) 500 W		(4x) 300 W			
Diplexed	No					
Number of Sectors, Sector Spacing and/or Pattern Shape	Omni					
Lightning Protection	Direct Ground					

Mechanical Characteristics

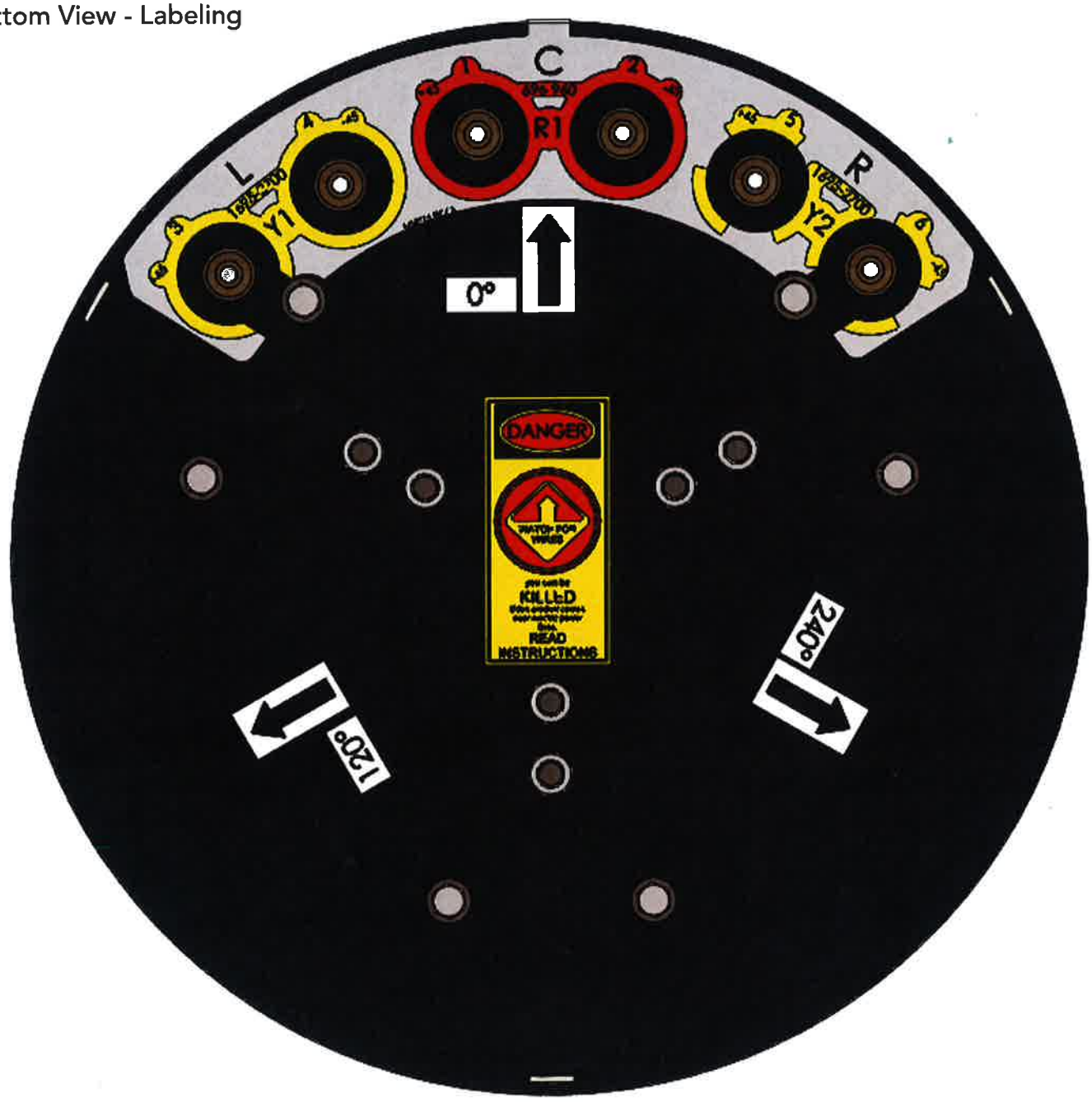
Antenna Dimensions (Height x Diameter)	610 x 371	mm	24.0 x 14.6	in
Weight without Mounting Bracket Kit	10.0	kg	22.1	lbs
Antenna Volume	0.07	m^3	2.3	ft^3
Survival Wind Speed	241	km/hr	150	mph
Wind Area	0.22	m^2	2.4	ft^2
Wind Load (160 km/hr or 100 mph)	191	N	43	lbf

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

CUUT360X06Fxyz0

TRI BAND | OMNI | CANISTER ANTENNA | X-POL | FIXED TILT | 610 MM (24.0 IN)

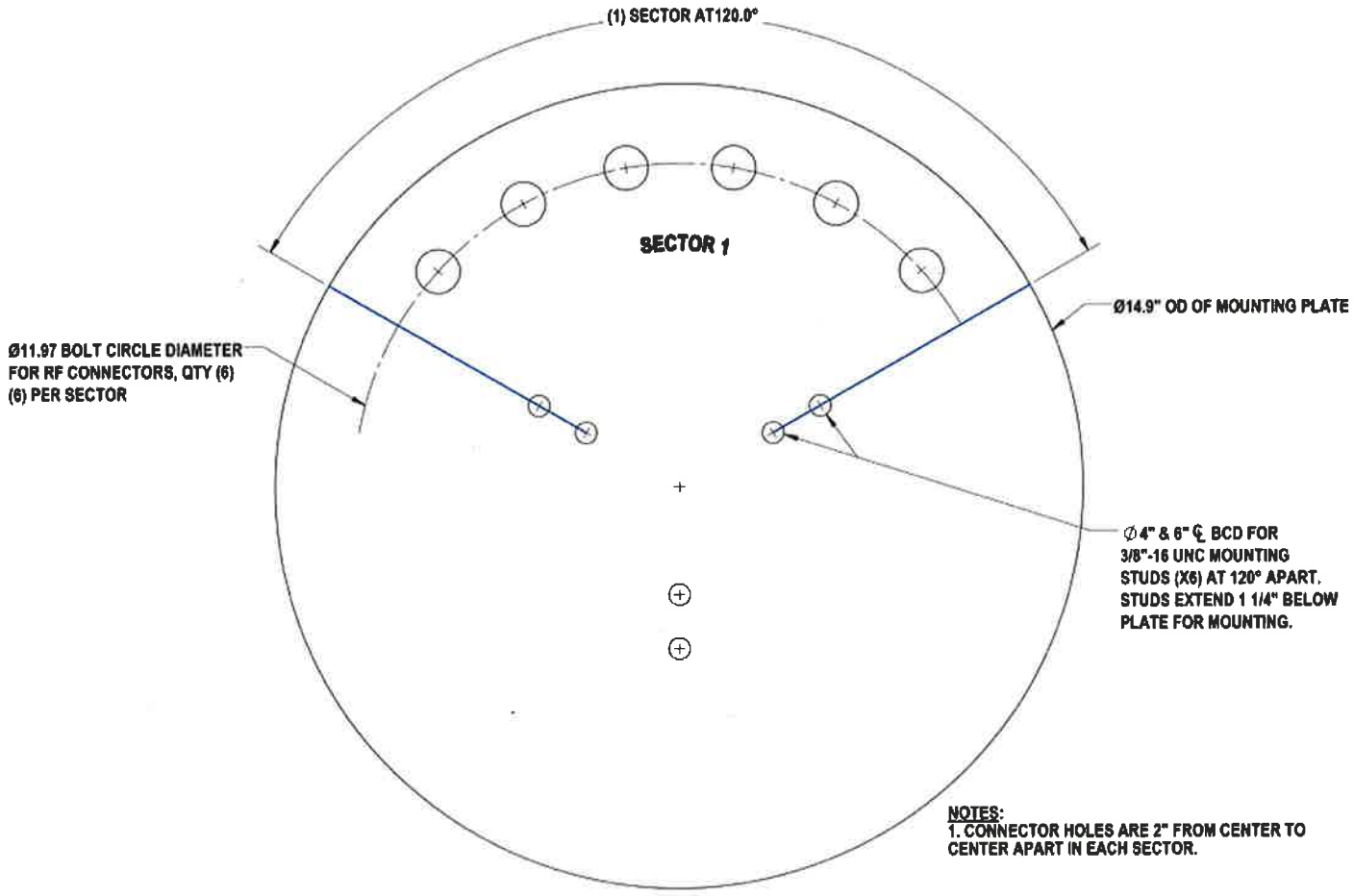
Bottom View - Labeling



CUUT360X06Fxyz0

TRI BAND | OMNI | CANISTER ANTENNA | X-POL | FIXED TILT | 610 MM (24.0 IN)

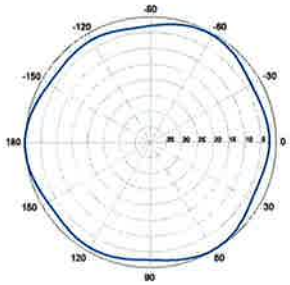
Bottom View - Connector Diagram



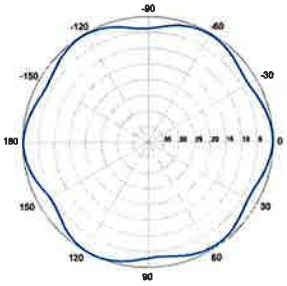
CUUT360X06Fxyz0

TRI BAND | OMNI | CANISTER ANTENNA | X-POL | FIXED TILT | 610 MM (24.0 IN)

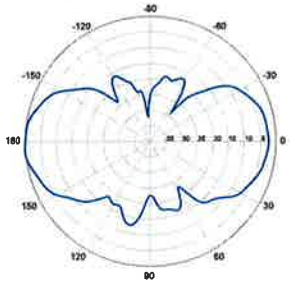
696-960 MHz



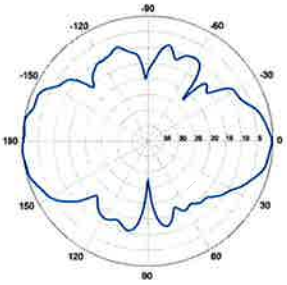
Horizontal | 750 MHz



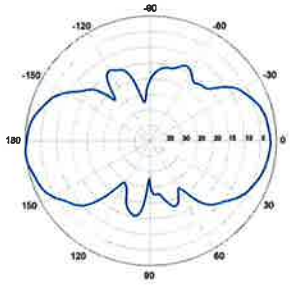
Horizontal | 850 MHz



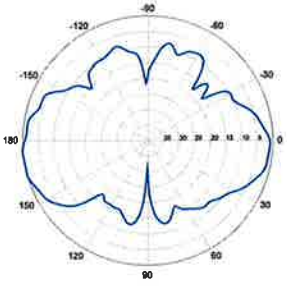
0° | Vertical | 750 MHz



0° | Vertical | 850 MHz



5° | Vertical | 750 MHz

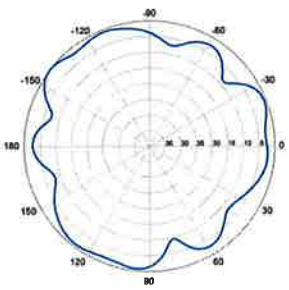


5° | Vertical | 850 MHz

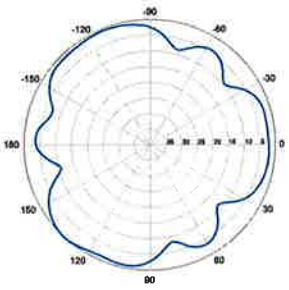
CUUT360X06Fxyz0

TRI BAND | OMNI | CANISTER ANTENNA | X-POL | FIXED TILT | 610 MM (24.0 IN)

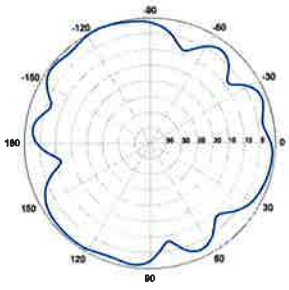
1695-2700 MHz



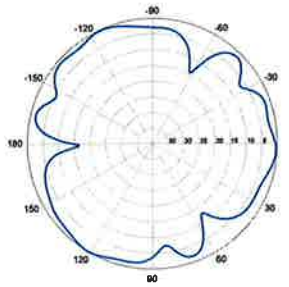
Horizontal | 1800 MHz



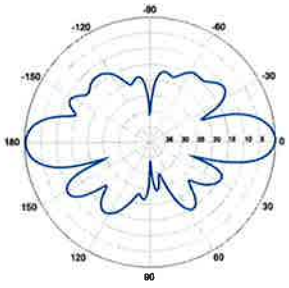
Horizontal | 1900 MHz



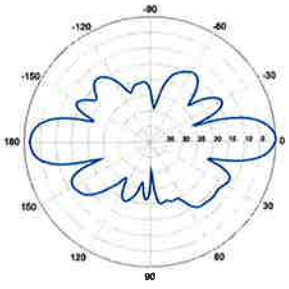
Horizontal | 2100 MHz



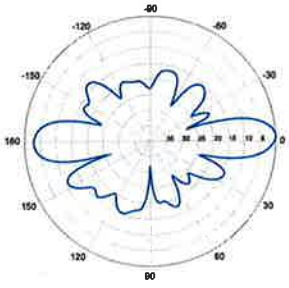
Horizontal | 2600 MHz



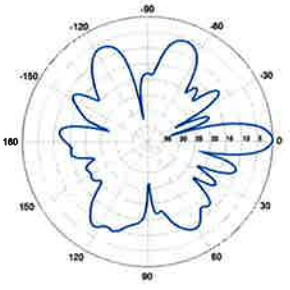
0° | Vertical | 1800 MHz



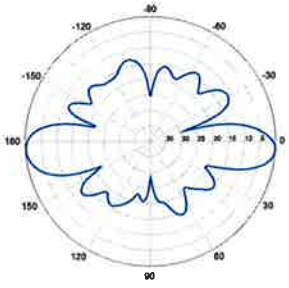
0° | Vertical | 1900 MHz



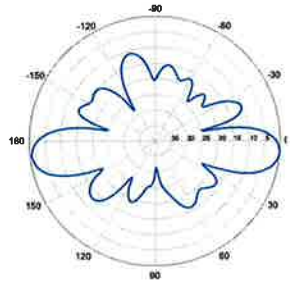
0° | Vertical | 2100 MHz



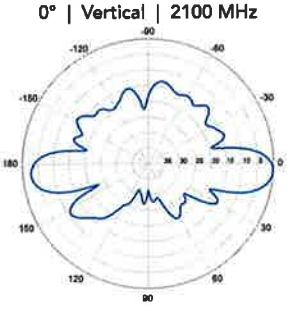
0° | Vertical | 2600 MHz



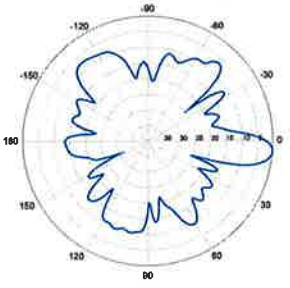
6° | Vertical | 1800 MHz



6° | Vertical | 1900 MHz



6° | Vertical | 2100 MHz



6° | Vertical | 2600 MHz

CUUT360X06Fxyz0

TRI BAND | PSEUDO OMNI | CANISTER ANTENNA | X-POL | FIXED TILT

Ordering Options

When ordering, select the Radome Color, Degree of Electrical Downtilt (xy) for the Low and Mid Bands and the Connector Type (z).

Radome Color	Electrical Downtilt Degree		Connector Type (z)	
	Low Band (x)	Mid Band (y)	4.3-10 Female	7/16-DIN Female
Gray	0°	0°	CUUT360X06F**00s**0	CUUT360X06F**00D**0
	0°	6°	CUUT360X06F**06s**0	CUUT360X06F**06D**0
	5°	0°	CUUT360X06F**50s**0	CUUT360X06F**50D**0
	5°	6°	CUUT360X06F**56s**0	CUUT360X06F**56D**0
Brown	0°	0°	CUUT360X06F**00s0BR**	CUUT360X06F**00D0BR**
	0°	6°	CUUT360X06F**06s0BR**	CUUT360X06F**06D0BR**
	5°	0°	CUUT360X06F**50s0BR**	CUUT360X06F**50D0BR**
	5°	6°	CUUT360X06F**56s0BR**	CUUT360X06F**56D0BR**

Mounting Kits

This antenna can be mounted using any of the following mounting kits. Mounting kits must be ordered separately.

Side Mounting Bracket Kit	Top Mounting Bracket Kit	Utility Pole Mounting Bracket Kit	Wide Diameter Pole Top Mounting Bracket Kit
CWT-MKS-SIDE	CWT-MKS-TOP	WB3X-MKS-01	CWT-MKS-BASE-xx
			

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.

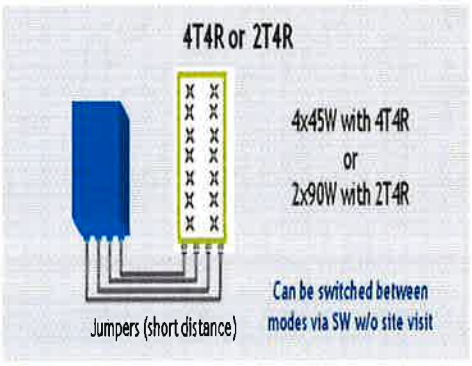
The Alcatel-Lucent B66a RRH4x45 product has four transmit RF paths, offering the possibility to **select, via software only, 2Tx or 4Tx MIMO configurations** with either 2x90W or 4x45W RF output power. It also supports 4-way Rx diversity at the 70 MHz instantaneous bandwidth.

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

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 Weight in kg (lb) (w/o mounting HW)	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) 25.8kg (56.8lb) (with solar shield)
DC voltage range DC power consumption	Nominal: -48V, -40.5 to -57V at full performance, -38 to -57V with relaxation on 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 Bias 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

ATTACHMENT 4

VISUAL ANALYSIS

PROPOSED WIRELESS TELECOMMUNICATIONS FACILITY

CELLCO PARTNERSHIP
D/B/A
VERIZON WIRELESS
ENFIELD SC8 CT
467497
200 PHOENIX AVENUE
ENFIELD, CT 06082

NEXIUS
7A LYBERTY WAY
WESTFORD, MA 01886
1 (972) 755-1882
www.nexius.com

PROJECT SETTING & LETTER OF METHODOLOGY

The following is a description of the methods used by Nexius in preparing the Visual Analysis of a post construction, Cellco Parntership LLC d/b/a Verizon Wireless Installation for the site located at 200 Phoenix Avenue, Enfield CT 06082.

The host property is located on the western side of Phoenix Avenue. The proposed facility is the on the rooftop and grounds of the Enfield Fire Department. The proposed facility consists of installing an Omni-Antenna on the existing southern building façade; and a vinyl fence to shroud equipment on the southern wall of the Enfield Fire Department.

A site visit was made on 09/01/17 and photographs were taken from specific locations around the equipment location property. The actual weather condition was sunny and visibility was within acceptable levels to conduct the Visual Analysis. A second site visit was made on 10/27/17 and photographs were taken from specific locations off the equipment location property. The actual weather condition was rainy and overcast, visibility was with acceptable levels to conduct the Visual Analysis.

Using technical and mechanical specification documents we built and arranged the equipment using Autodesk 3ds Max software. Autodesk 3ds Max allows us to add a daylight system that calculates which direction the sun will point according to the date and time of day in which the photographs were taken. The next step involves loading a map with the photo-location points into Autodesk 3ds Max. Virtual cameras are then inserted into the scene and placed according to where the photo-locations lay. These cameras represent the photographer who took the photographs and take into consideration the average height at which the camera would have been held by an average 5'-6' person. Due to the cameras being located correctly they automatically calculate the exact distance and perspective of the proposed equipment. This generates simulated 3D views of the proposed equipment from the photographer's view point. Once these simulated viewpoints are created in Autodesk 3ds Max, realistic lighting, shadows and materials are rendered upon the proposed equipment. The result is multiple images that depict the proposed equipment placed "inside" the photograph of the existing environment.

The new images created by 3ds Max are imported into Adobe Photoshop and laid over the existing image. These images are then brought into Microsoft PowerPoint and each view is labeled accordingly based upon the information provided by the field technician. The final product results in high quality "before and after" images that accurately depict the addition of future equipment, not yet built, to existing photographs.

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 fairly characterize the prevailing views from all locations within a given area. 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.

NOTE: These photo simulations are intended to represent modifications relative to a person observing the aesthetics of the proposed telecommunications installation. Therefore, they are inherently approximate in nature and should not be used as an exact, scaled engineering drawing.

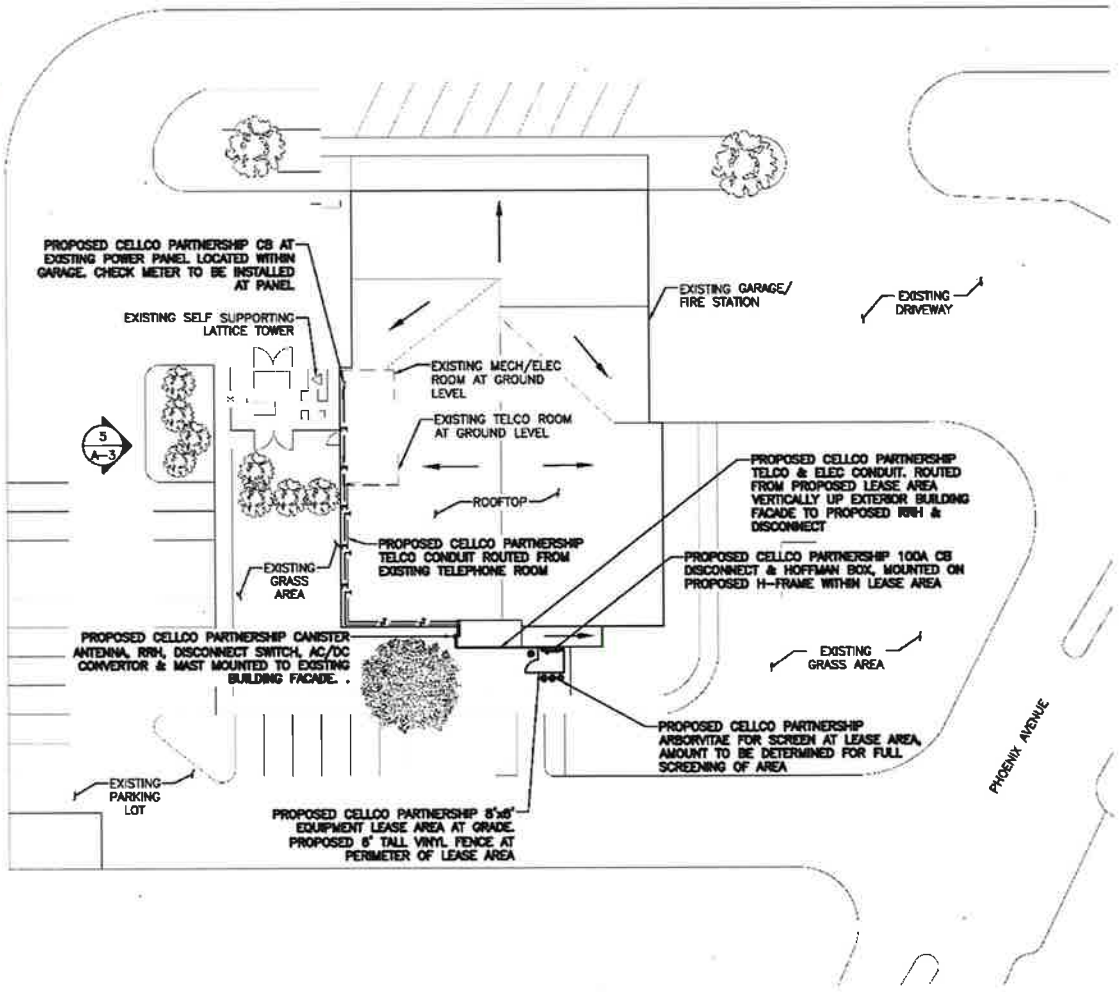
SITE LOCATION MAP

★ SUBJECT SITE

PROPERTY LINES

N

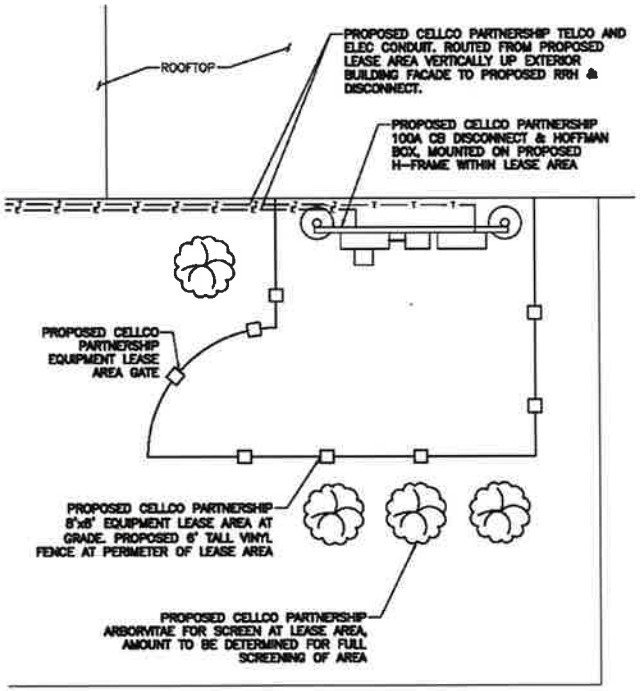
PROPOSED SITE PLAN & LEASE AREA DETAIL



① SITE PLAN
SCALE: 1" = 20'

GRAPHIC SCALE: 1"=20'

APPROX. NORTH

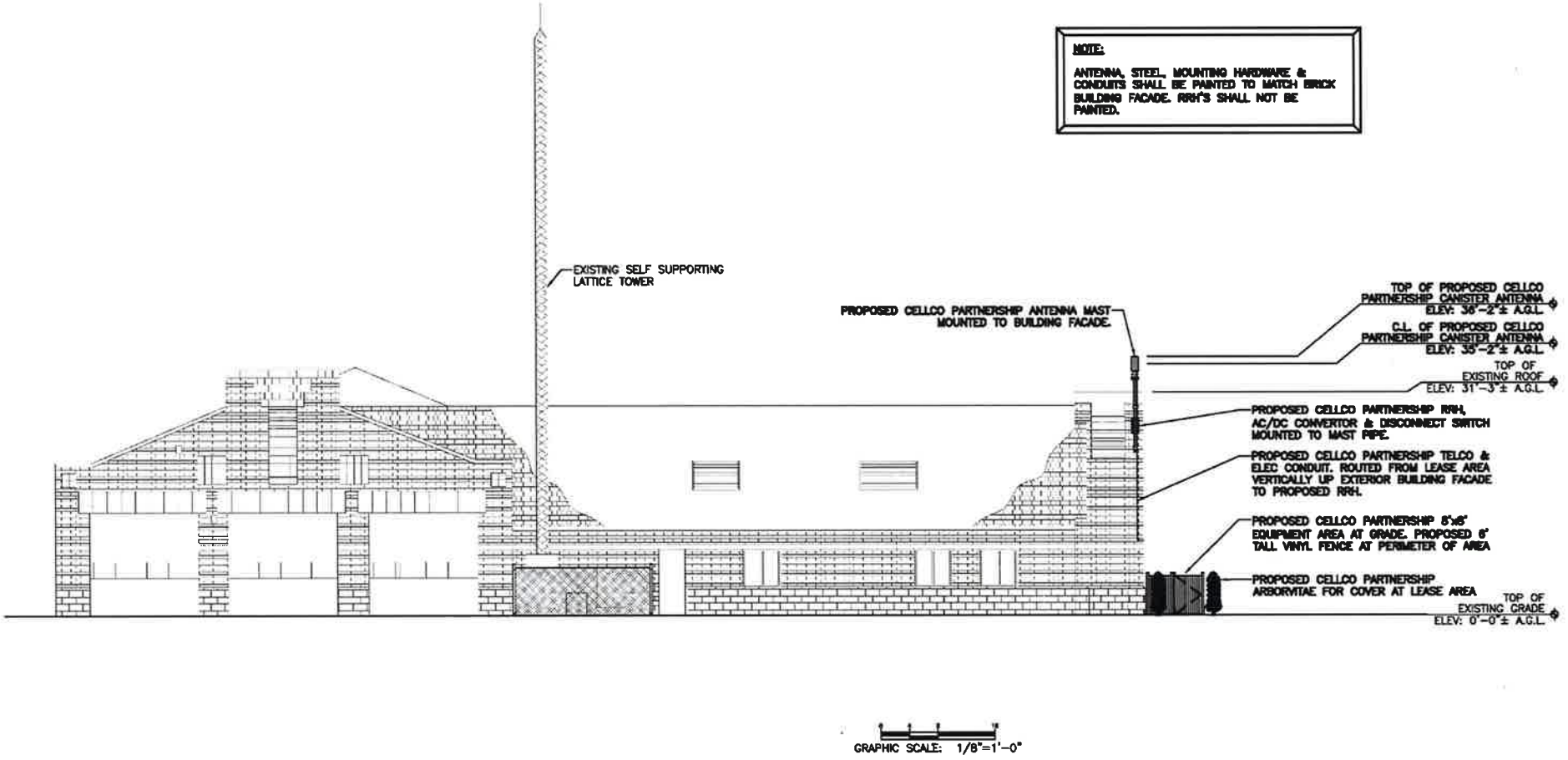


② LEASE AREA DETAIL
SCALE: 1/2" = 1'-0"

GRAPHIC SCALE: 1/2"=1'-0"

APPROX. NORTH

PROPOSED WEST ELEVATION PLAN



PHOTOGRAPH LOCATIONS

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE
1	ENFIELD FIRE DEPARTMENT PARKING LOT	SOUTHEAST	175±
2	ENFIELD FIRE DEPARTMENT PARKING LOT	EAST	115±
3	ENFIELD FIRE DEPARTMENT PARKING LOT	NORTH	75±
4	ENFIELD FIRE DEPARTMENT PARKING LOT	NORTHWEST	115±
5	ENFIELD FIRE DEPARTMENT PARKING LOT	WEST	120±
6	ACROSS PHOENIX AVENUE	SOUTHEAST	475±
7	ACROSS PHOENIX AVE. IN PARKING LOT EAST OF SITE	EAST	265±
8	ACROSS PHOENIX AVENUE	NORTHWEST	215±
9	PARKING LOT LOCATED SOUTH OF SUBJECT SITE	NORTHEAST	255±
10	FIELD ON ENFIELD FIRE DEPARTMENT PROPERTY	WEST	510±
11	PARKING LOT LOCATED NORTH OF SUBJECT SITE	SOUTHEAST	415±

PHOTOGRAPH LOCATION MAP

SUBJECT SITE

VISIBLE VIEWS

NON-VISABLE VIEWS

N

VIEW 1- EXISTING CONDITIONS: LOOKING SOUTHEAST AT SUBJECT SITE

VIEW 1- PROPOSED CONDITIONS: LOOKING SOUTHEAST AT SUBJECT SITE

VIEW 2- EXISTING CONDITIONS: LOOKING EAST AT SUBJECT SITE

VIEW 2- PROPOSED CONDITIONS: LOOKING EAST AT SUBJECT SITE

VIEW 3- EXISTING CONDITIONS: LOOKING NORTH AT SUBJECT SITE

VIEW 3- PROPOSED CONDITIONS: LOOKING NORTH AT SUBJECT SITE

VIEW 4- EXISTING CONDITIONS: LOOKING NORTHWEST AT SUBJECT SITE

VIEW 4- PROPOSED CONDITIONS: LOOKING NORTHWEST AT SUBJECT SITE

VIEW 5- EXISTING CONDITIONS: LOOKING WEST AT SUBJECT SITE

VIEW 5- PROPOSED CONDITIONS: LOOKING WEST AT SUBJECT SITE

VIEW 6- EXISTING CONDITIONS: LOOKING SOUTHEAST AT SUBJECT SITE

VIEW 6- PROPOSED CONDITIONS: LOOKING SOUTHEAST AT SUBJECT SITE

VIEW 7- EXISTING CONDITIONS: LOOKING EAST AT SUBJECT SITE

VIEW 7- PROPOSED CONDITIONS: LOOKING EAST AT SUBJECT SITE

VIEW 8- EXISTING CONDITIONS: LOOKING NORTHWEST AT SUBJECT SITE

VIEW 8- PROPOSED CONDITIONS: LOOKING NORTHWEST AT SUBJECT SITE

VIEW 9- EXISTING CONDITIONS: LOOKING NORTHEAST AT SUBJECT SITE

VIEW 9- PROPOSED CONDITIONS: LOOKING NORTHEAST AT SUBJECT SITE

VIEW 10- EXISTING CONDITIONS: LOOKING WEST AT SUBJECT SITE

VIEW 10- PROPOSED CONDITIONS: LOOKING WEST AT SUBJECT SITE

VIEW 11- EXISTING CONDITIONS: LOOKING SOUTHEAST AT SUBJECT SITE

VIEW 11- PROPOSED CONDITIONS: LOOKING SOUTHEAST AT SUBJECT SITE

Conclusion

The visibility of the proposed Facility would be limited to locations primarily within the immediate vicinity of the Host Property. The location and design of the proposed Facility would appear to be a component of the building and barely discernible as a telecommunications site.

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

ATTACHMENT 5

Site Name: Enfield SC 8 CT

Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW PCS	1970	0	1637	0	35.2	0.0000	1.0	0.00%
VZW Cellular	869	0	492	0	35.2	0.0000	0.579333333	0.00%
VZW AWS	2145	1	795	795	35.2	0.2307	1.0	23.07%
VZW 700	746	0	1074	0	35.2	0.0000	0.497333333	0.00%

Total Percentage of Maximum Permissible Exposure 23.07%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Section 1.13101 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-19

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

Absolute worst case maximum values used, including the following assumptions:
1. closest accessible point is distance from antenna to base of pole;
2. continuous transmission from all available channels at full power for indefinite time period; and,
3. all RF energy is assumed to be directed solely to the base of the pole.

ATTACHMENT 6

```
**************************************************
                    *          Federal Airways & Airspace          *
                    *      Summary Report: New Construction        *
                    *              Antenna Structure
*

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

                    Airspace User: Your Name

                    File: ENFIELD_SC8_CT

                    Location:  Stafford Springs, CT

                    Latitude:  41°-58'-23.03"        Longitude:
72°-35'-02.66"

                    SITE ELEVATION AMSL.....131 ft.
                    STRUCTURE HEIGHT.....37 ft.
                    OVERALL HEIGHT AMSL.....168 ft.
                    SURVEY HEIGHT AMSL.....168 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 7B6
       FAR 77.9:    NNR FAR 77.9 IFR Straight-In Notice Criteria for BDL
       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.

       Notice to the FAA is not required at the analyzed location and height
for
       slope, height or Straight-In procedures. Please review the 'Air
Navigation'
       section for notice requirements for offset IFR procedures and EMI.


     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 - Approach Transitional Surface
FAR 77.19(e): DNE - Abeam Transitional Surface

VFR TRAFFIC PATTERN AIRSPACE FOR: 7B6: SKYLARK AIRPARK
Type: A RD: 16352.28 RE: 112
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 Primary Surface: DNE
VFR Approach Surface: DNE
VFR Transitional Surface: DNE

VFR TRAFFIC PATTERN AIRSPACE FOR: BDL: BRADLEY INTL
Type: A RD: 25304.17 RE: 161.3
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 Primary Surface: DNE
VFR Approach Surface: DNE
VFR Transitional Surface: 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 1800 ft AMSL

PRIVATE LANDING FACILITIES

FACIL IDENT	TYP	NAME	BEARING To FACIL	RANGE IN NM	DELTA ARP ELEVATION	FAA IFR
CT87	SEA	BOOTLEGGER'S	327.29	1.8	+133	
No Impact to Private Landing Facility. DNE 200 ft AGL within 3 NM of Airport.						
CT19	AIR	LAURIE FIELD	98.62	2.01	+39	
No Impact to Private Landing Facility. DNE 200 ft AGL within 3 NM of Airport.						
CT23	HEL	DELLA	206.16	2.21	+53	
No Impact to Private Landing Facility Structure is beyond notice limit by 8428 feet.						
CT27	HEL	TENNESSEE F	46.83	2.7	-9	

No Impact to Private Landing Facility
Structure 9 ft below heliport.

MA67 HEL TGP 329.83 4.26 +48
No Impact to Private Landing Facility
Structure is beyond notice limit by 20884 feet.

CT15 AIR WYSOCKI FIELD 109.29 5.05
-222
No Impact to VFR Transitional Surface.
Below surface height of 405 ft above ARP.

CT85 AIR ROBERTS FARM 195.48 5.19
+131
No Impact to VFR Transitional Surface.
Below surface height of 419 ft above ARP.

CT53 HEL MOUNTAIN VIEW 58.37 5.28
-122
No Impact to Private Landing Facility
Structure 122 ft below heliport.

CT35 HEL HAMILTON STANDARD 245.2 5.69 -5
No Impact to Private Landing Facility
Structure 5 ft below heliport.

CT50 HEL MARKS 251.57 5.76 +18
No Impact to Private Landing Facility
Structure is beyond notice limit by 29998 feet.

AIR NAVIGATION ELECTRONIC FACILITIES

FAC IDNT	TYPE	ST AT	FREQ	VECTOR	DIST (ft)	DELTA ELEVA	ST	LOCATION	GRND APCH ANGLE	BEAR
BDL	LOCALIZER	I	111.1	253.59	23367	+19	CT	RWY 06 BRADLEY IN	.05	58
BDL	RADAR	ON		244.8	29573	-68	CT	BRADLEY INTL	-.13	

No Impact. EMI Notice is not required for this structure.
The studied location is within 5 NM of a Radar facility.
The calculated Radar Line-Of-Sight (LOS) distance is: 35 NM.
This location and height is within the Radar Line-Of-Sight.

BDL	ATCT	ON	A/G	250.56	30114	-177	CT	BRADLEY INTL	-.34	
BDL	VORTAC	D	109.0	247.62	30728	+8	CT	BRADLEY	.01	
BAF	VORTAC	R	113.0	332.51	77619	-99	MA	BARNES	-.07	

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      CEF  VORTAC       R   114.0  10.83  83287    -73 MA WESTOVER
-.05
      HFD  VOR/DME      R   114.9 175.29 121384   -681 CT HARTFORD
-.32
      CTR  VOR/DME      I   115.1 319.61 152544  -1432 MA CHESTER
-.54
      PUT  VOR/DME      R   117.4  92.07 201363   -484 CT PUTNAM
-.14
      QHA  RADAR ARSR   Y   1320. 330.5  210316 -1985 MA West Cummington
-.54
      ORH  RADAR WXL    Y          60.39 221958   -835 MA WORCESTER
-.22

     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: WLZX @ 12220 meters.


Airspace® Summary Version 17.9.479

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10-16-2017
15:36:57
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ATTACHMENT 7

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

October 31, 2017

Via Certificate of Mailing

Bryan Chodkowski, Town Manager
Town of Enfield
820 Enfield Street
Enfield, CT 06082

Re: **Proposed Installation of a Wireless Telecommunications Facility – Enfield Fire District 1, 200 Phoenix Avenue, Enfield, Connecticut**

Dear Mr. Chodkowski:

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 wireless telecommunications facility at 200 Phoenix Avenue in Enfield (the "Property"). The facility will consist of a small tower mast attached to the southerly façade of the building. The top of the antenna will extend to a height of approximately 36'-2" above grade, approximately five (5) feet above the top of the roof of the building.

A copy of the Petition is attached for your review. In accordance with Council requirements, abutting landowners were also sent notice of this filing and a copy of the Petition.

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

Sincerely,

Kenneth C. Baldwin

Attachment

Robinson + Cole

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Main (860) 275-8200
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kbaldwin@rc.com
Direct (860) 275-8345

Also admitted in Massachusetts

October 31, 2017

Via Certificate of Mailing

Roger O'Brien, Planning Director
Town of Enfield
820 Enfield Street
Enfield, CT 06082

Re: **Proposed Installation of a Wireless Telecommunications Facility – Enfield Fire District 1, 200 Phoenix Avenue, Enfield, 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 new small cell wireless telecommunications facility at 200 Phoenix Avenue in Enfield (the "Property"). The facility will consist of a small tower mast attached to the southerly façade of the building. The top of the antenna will extend to a height of approximately 36'-2" above grade, approximately five (5) feet above the top of the roof of the building.

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

Sincerely,

Kenneth C. Baldwin

Attachment

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Direct (860) 275-8345

Also admitted in Massachusetts

October 31, 2017

Via Certificate of Mailing

Enfield Fire District 1
Attn: Chief Ed Richards
200 Phoenix Avenue
Enfield, CT 06082

Re: **Proposed Installation of a Wireless Telecommunications Facility – Enfield Fire District 1, 200 Phoenix Avenue, Enfield, Connecticut**

Dear Chief Richards:

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 wireless telecommunications facility at 200 Phoenix Avenue in Enfield (the "Property"). The facility will consist of a small tower mast attached to the southerly façade of the building. The top of the antenna will extend to a height of approximately 36'-2" above grade, approximately five (5) feet above the top of the roof of the building.

A copy of the Petition is attached for your review. In accordance with Council requirements, abutting landowners were also sent notice of this filing and a copy of the Petition.

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

Sincerely,

Kenneth C. Baldwin

Attachment

ATTACHMENT 8

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

October 31, 2017

Via Certificate of Mailing

«Name_and_Address»

Re: **Notice of Intent to File a Petition for Declaratory Ruling with the Connecticut Siting Council for the Installation of a Wireless Telecommunications Facility – Enfield Fire District 1, 200 Phoenix Avenue, Enfield, 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 wireless telecommunications facility at 200 Phoenix Avenue in Enfield (the "Property"). The facility will consist of a small tower mast attached to the southerly façade of the building. The top of the antenna will extend to a height of approximately 36'-2" above grade, approximately five (5) feet above the top of the roof of the building. A copy of the Petition is attached for your review.

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

Attachment

CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS

ABUTTING PROPERTY OWNERS

200 PHOENIX AVENUE, ENFIELD, CONNECTICUT

	Property Address	Owner's and Mailing Address
1.	163 South Road	Storage Portfolio I LLC PTA – EX 786 P.O. Box 320099 Alexandria, VA 22320
2.	100 Phoenix Avenue	Brooks Brothers Group Inc. 107 Phoenix Avenue Enfield, CT 06082
3.	107 Phoenix Avenue	Brooks Brothers Group Inc. 107 Phoenix Avenue Enfield, CT 06082
4.	120 Post Road	PTR – Precision Technologies Inc. 120 Post Road Enfield, CT 06082