STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:	:	
	:	
A PETITION OF CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS FOR A DECLARATORY RULING ON THE NEED TO OBTAIN A SITING COUNCIL CERTIFICATE FOR THE INSTALLATION OF A ROOF-TOP WIRELESS TELECOMMUNICATIONS FACILITY AT 200 BLOOMFIELD AVENUE, WEST HARTFORD, CONNECTICUT	:	PETITION NO. ____
	:	NOVEMBER 2, 2016

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 install a new telecommunications tower on the roof of the Hyllier dormitory building on the University of Hartford campus at 200 Bloomfield Avenue in West Hartford, Connecticut (the "Property"). The Property and building are owned by the University of Hartford. Cellco has designated this site as its "University of Hartford SC1 Facility".

II. Factual Background

The Property is a 350± acre parcel is located in portions of West Hartford, Hartford and Bloomfield. The Hyllier dormitory building is physically located in the Town of West Hartford

and within 2,500 feet of the Town of Bloomfield and City of Hartford. *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 Hartford County and throughout the State of Connecticut. Initially, the proposed University of Hartford SC1 Facility described above will provide wireless service in Cellco's 2100 MHz frequency range only.

III. Proposed University of Hartford SC1 Facility

The proposed University of Hartford SC1 Facility would consist of a small tower on the roof of the Hyllier dormitory building, a four-story residence hall, in the northerly portion of the campus. The tower will support a small cell 2100 MHz (Model NH360QS-DG) canister antenna and a (Model B66A RRH4X45 AWS) remote radio head ("RRH"). The tower and canister antenna will extend to a height of approximately 42'-8" above ground level; approximately 7'-4" above the top of the building's parapet wall. Power and telephone service to the University of Hartford SC1 Facility will extend from existing service inside the building and will be routed along the roof and down the northeast façade of the building. (*See* Cellco's Project Plans included in Attachment 2). Specifications for the University of Hartford SC1 Facility antenna and RRH 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 on the roof of Hyllier dormitory building, supporting a single canister antenna and RRH, will not involve a significant alteration in the physical and environmental characteristics of the Property.

2. Visual Effects

The installation of a small tower and antenna on the roof of the Hyllier dormitory building would not have an adverse visual impact on existing views of the building or the Property and would not impact the character of the University of Hartford campus or the surrounding community. (*See* Visual Assessment & Photo-Simulations ("Visual Assessment") included in Attachment 4). As concluded in the Visual Assessment, the visibility of the proposed roof-top tower and antenna described above is limited to locations on the Property, in the immediate vicinity of the Hyllier dormitory building itself to the east and south.

3. FCC Compliance

Radio frequency ("RF") emissions from the proposed small cell installation will be well below the standards adopted by the Federal Communications Commission ("FCC"). Included in Attachment 5 is a General Power Density table, which demonstrates that the University of Hartford SC1 Facility will operate well within the FCC safety standard (12.42% of the Standard).

4. FAA Summary Report

Included in Attachment 6 is a Federal Airways & Airspace Summary Report (the "FAA Report") verifying that the tower and antenna attached to the Hyllier dormitory building would

not constitute an obstruction or hazard to air navigation and would not require obstruction marking or lighting. Notification to the FAA is not required.

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

On November 2, 2016, a copy of this Petition was sent to West Hartford's Mayor Shari Cantor and to Brett Carroll at the University of Hartford. Copies of this Petition were sent to Hartford Mayor, Luke Bronin and Bloomfield Town Manager, Philip K. Schenck, Jr. Copies of the letters sent to Mayor Cantor, Mayor Bronin, Mr. Schenck and the University of Hartford 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 who were sent notice of the filing of the Petition is included in Attachment 8.

V. Conclusion

Based on the information provided above, Cellco respectfully requests that the Council issue a determination in the form of a declaratory ruling that the installation of a small tower, supporting a single canister antenna and RRH on the roof of the Hyllier dormitory building and the installation of associated equipment inside the building 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.

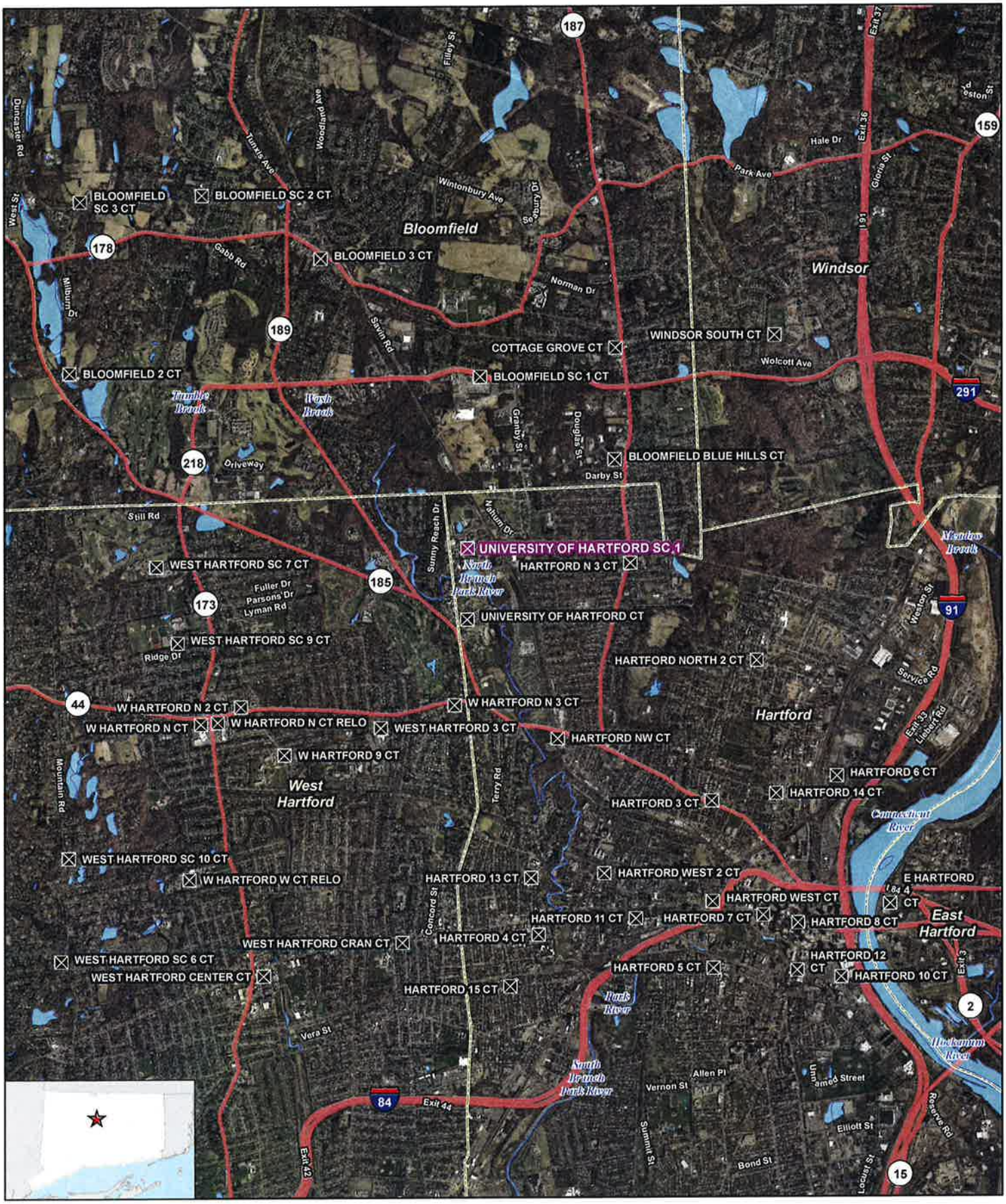
Respectfully submitted,

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
- Waterbody

Base Map Source: 2012 Aerial Photograph (CTECO)
Map Scale:1 inch = 4,400 feet
Map Date: September 2016

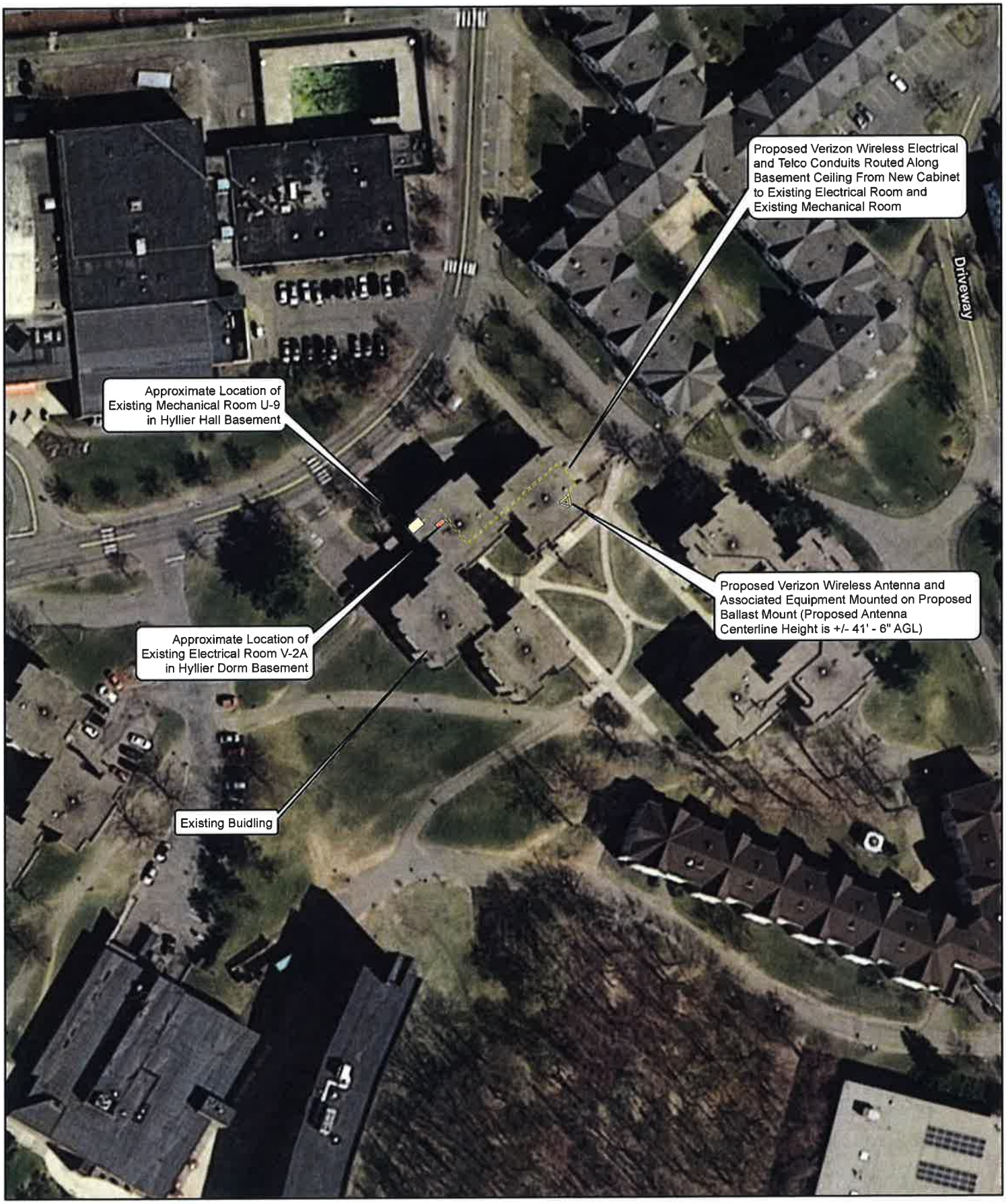
2,000 1,000 0 2,000
Feet

Site Vicinity Map

Proposed Wireless
Telecommunications Facility
University of Hartford SC 1
200 Bloomfield Avenue
West Hartford, Connecticut

verizon

ALL-POINTS TECHNOLOGY CORPORATION



Legend

- Proposed Verizon Wireless Equipment
- Proposed Verizon Wireless Conduits
- Existing Electrical Room
- Existing Mechanical Room

Site Schematic

Proposed Wireless
Telecommunications Facility
University of Hartford SC 1
200 Bloomfield Avenue
West Hartford, Connecticut

verizon

ALL-POINTS TECHNOLOGY CORPORATION

N
W E
S

100 50 0 100 Feet

Map Notes:
Base Map Source: 2012 Aerial Photograph (CTECO)
Map Scale: 1 inch = 100 feet
Map Date: September 2016

ATTACHMENT 2

CELLCO PARTNERSHIP d/b/a

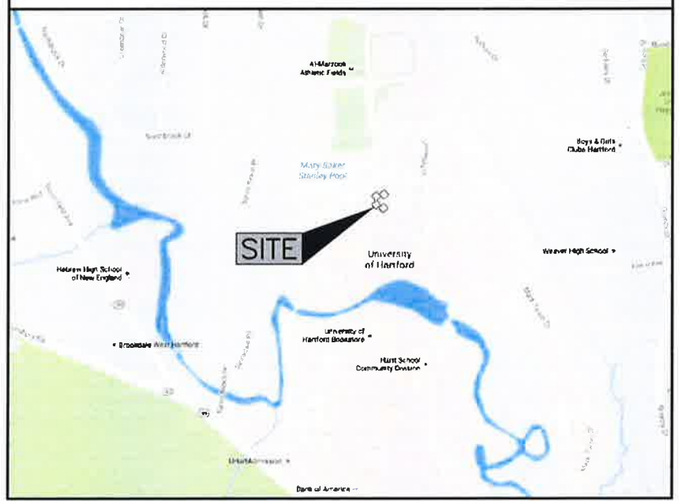
verizon

UNIVERSITY OF HARTFORD SC 1

200 BLOOMFIELD AVENUE
WEST HARTFORD, CT 06117

INSTALLATION OF SMALL CELL ANTENNA AND RELATED EQUIPMENT

VICINITY MAP



SHEET INDEX

SHEET	DESCRIPTION
T-1	TITLE SHEET
Z-1	ROOF PLAN
Z-2	ELEVATION
Z-3	ABUTTERS MAP
Z-4	DETAILS

PROJECT INFORMATION

SITE NAME:	UNIVERSITY OF HARTFORD SC 1
SITE ADDRESS:	200 BLOOMFIELD AVENUE WEST HARTFORD, CT 06117
COORDINATES:	LATITUDE: 41° 48' 5.40" N (NAD 83) LONGITUDE: 72° 42' 54.13" W (NAD 83)
GROUND ELEVATION:	80'± A.M.S.L. (NAVD88)

SCOPE OF WORK

THIS IS AN UNMANNED TELECOMMUNICATIONS FACILITY FOR VERIZON WIRELESS CONSISTING OF THE INSTALLATION AND OPERATION OF AN ANTENNA AND ASSOCIATED EQUIPMENT.

1. INSTALL (1) CANISTER ANTENNA, (1) REMOTE RADIO HEAD AND (1) OVP BOX MOUNTED ON PROPOSED NON-PENETRATING PIPE MAST.
2. INSTALL (1) GPS ANTENNA.

PROJECT TEAM

APPLICANT:	CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS 99 EAST RIVER DRIVE – 9th FLOOR EAST HARTFORD, CT 06108
ARCHITECT & ENGINEER:	EBI CONSULTING 21 B STREET BURLINGTON, MA 01803 (781) 273-2500
SITE ACQUISITION:	EBI CONSULTING 21 B STREET BURLINGTON, MA 01803 (781) 273-2500
LEGAL COUNSEL:	KENNETH C. BALDWIN, ESQ ROBINSON & COLE LLP (860) 275-8345

APPLICANT:
CELLCO PARTNERSHIP d/b/a
verizon
99 EAST RIVER DRIVE – 9th FLOOR
EAST HARTFORD, CT 06108

PREPARED BY:
EBI Consulting
environmental | engineering | due diligence
21 B Street | Burlington, MA 01803
Tel: (781) 273-2500 | Fax: (781) 273-3311
www.ebiconsulting.com

ENGINEER STAMP/SIGNATURE

SUBMITTALS

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A	09/06/16	FOR CSC REVIEW	KR
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C	10/12/16	REVISED ANTENNA MOUNT	SM
D	10/18/16	REVISED ABUTTERS DRAWING	SM

EBI JOB NO:
8115000835

SITE INFO:
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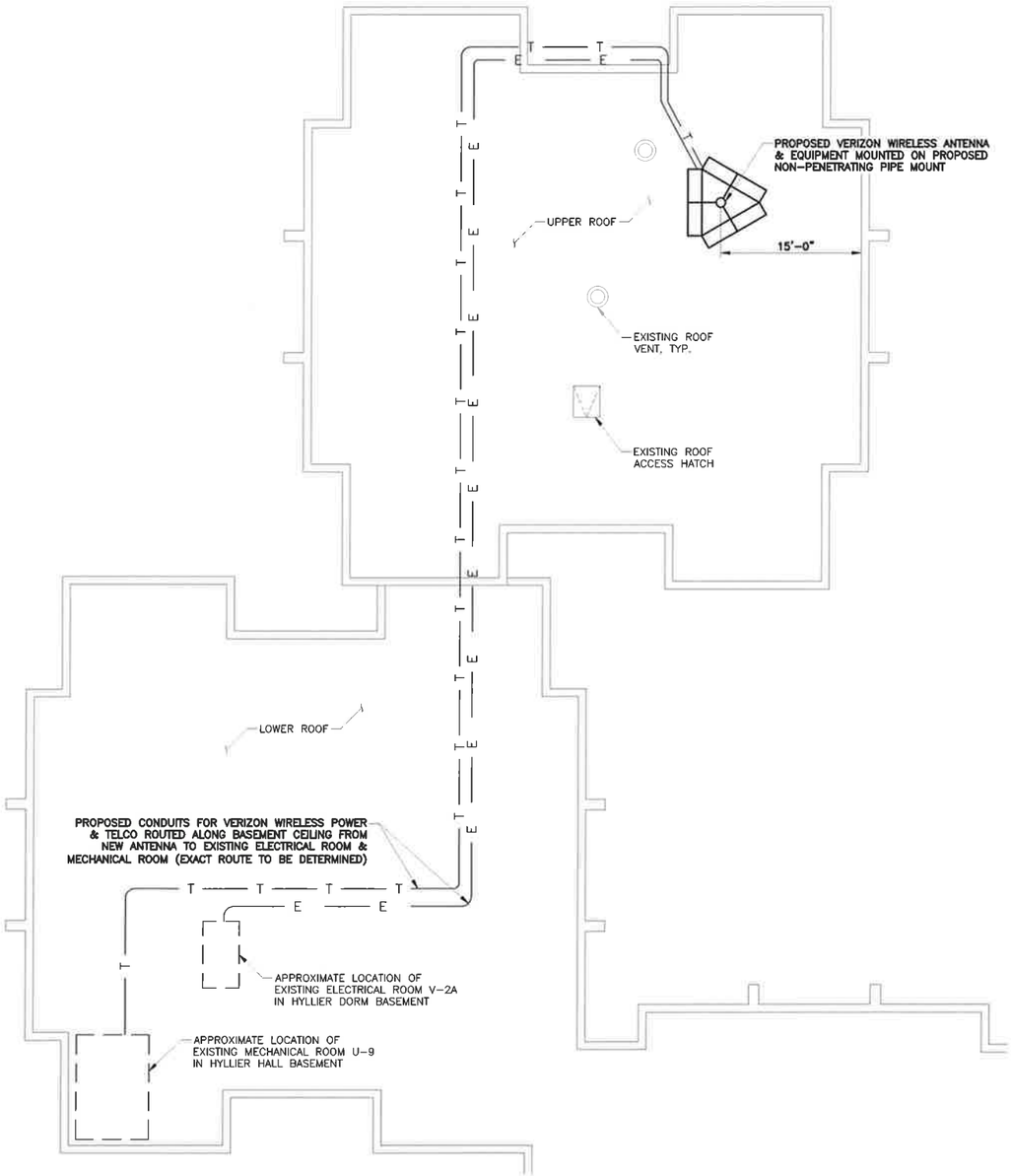
200 BLOOMFIELD AVENUE
WEST HARTFORD, CT 06117

SHEET TITLE:
TITLE SHEET

DRAWN BY: KR	SHEET NO: T-1
CHECKED BY: JS	
DATE: 08/05/16	



THIS PHOTO IS INSERTED TO SHOW EXISTING CONDITIONS – SEE ELEVATION AND DETAILS FOR EQUIPMENT LAYOUT AND INFO

APPROX. NORTH

1 ROOF PLAN

11x17 SCALE: 1/16" = 1'-0"
22x34 SCALE: 1/8" = 1'-0"

APPLICANT:
CELLCO PARTNERSHIP d/b/a
verizon
99 EAST RIVER DRIVE – 9th FLOOR
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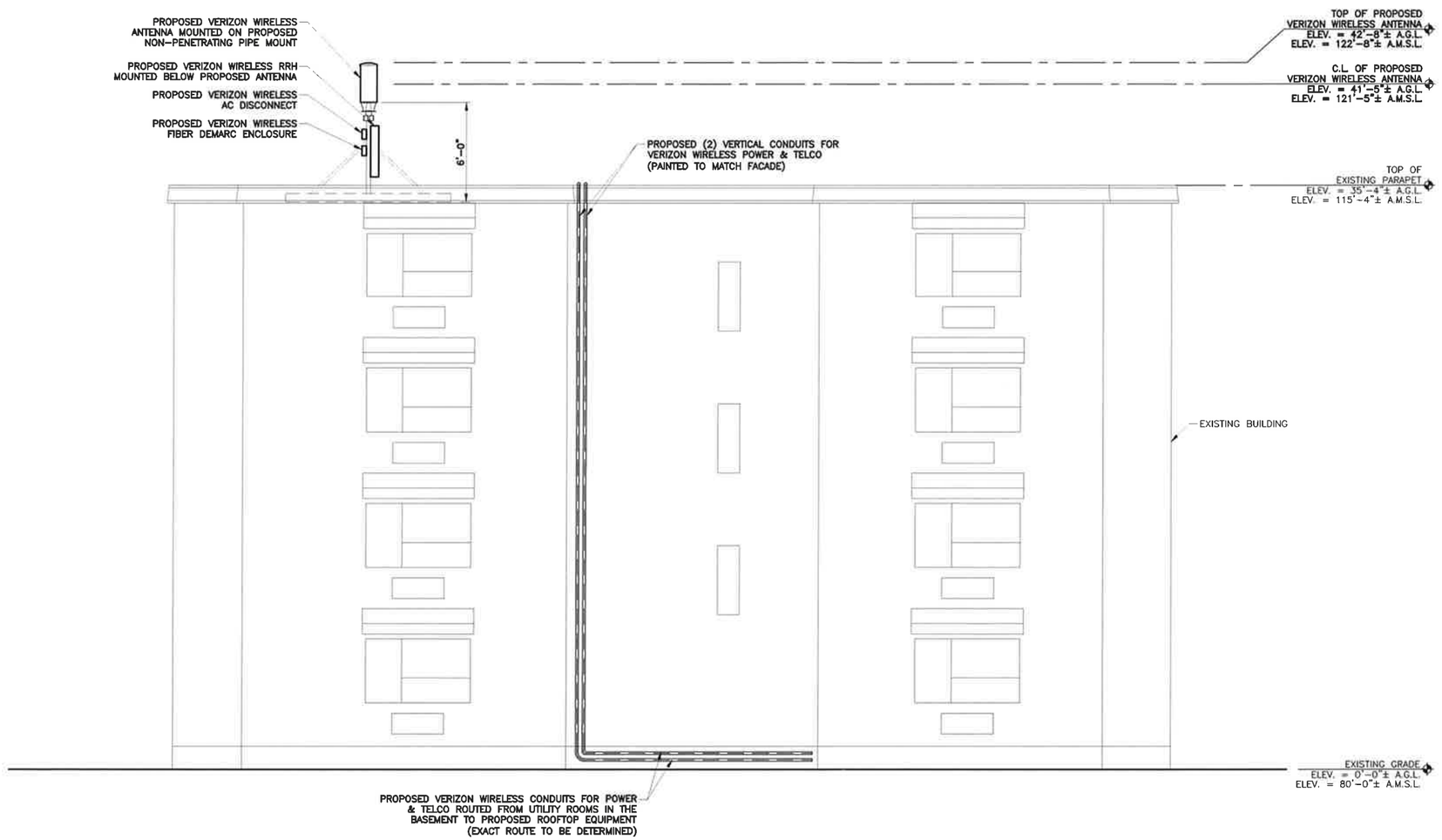
WEST HARTFORD, CT 06117

SHEET TITLE:
ROOF PLAN

DRAWN BY: KR
CHECKED BY: JS
DATE: 08/05/16

SHEET NO:
Z-1



1 NORTHEAST ELEVATION

11x17 SCALE: 1/8" = 1'-0"
22x34 SCALE: 1/4" = 1'-0"

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WEST HARTFORD, CT 06117

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ELEVATION

DRAWN BY: KR
CHECKED BY: JS
DATE: 08/05/16

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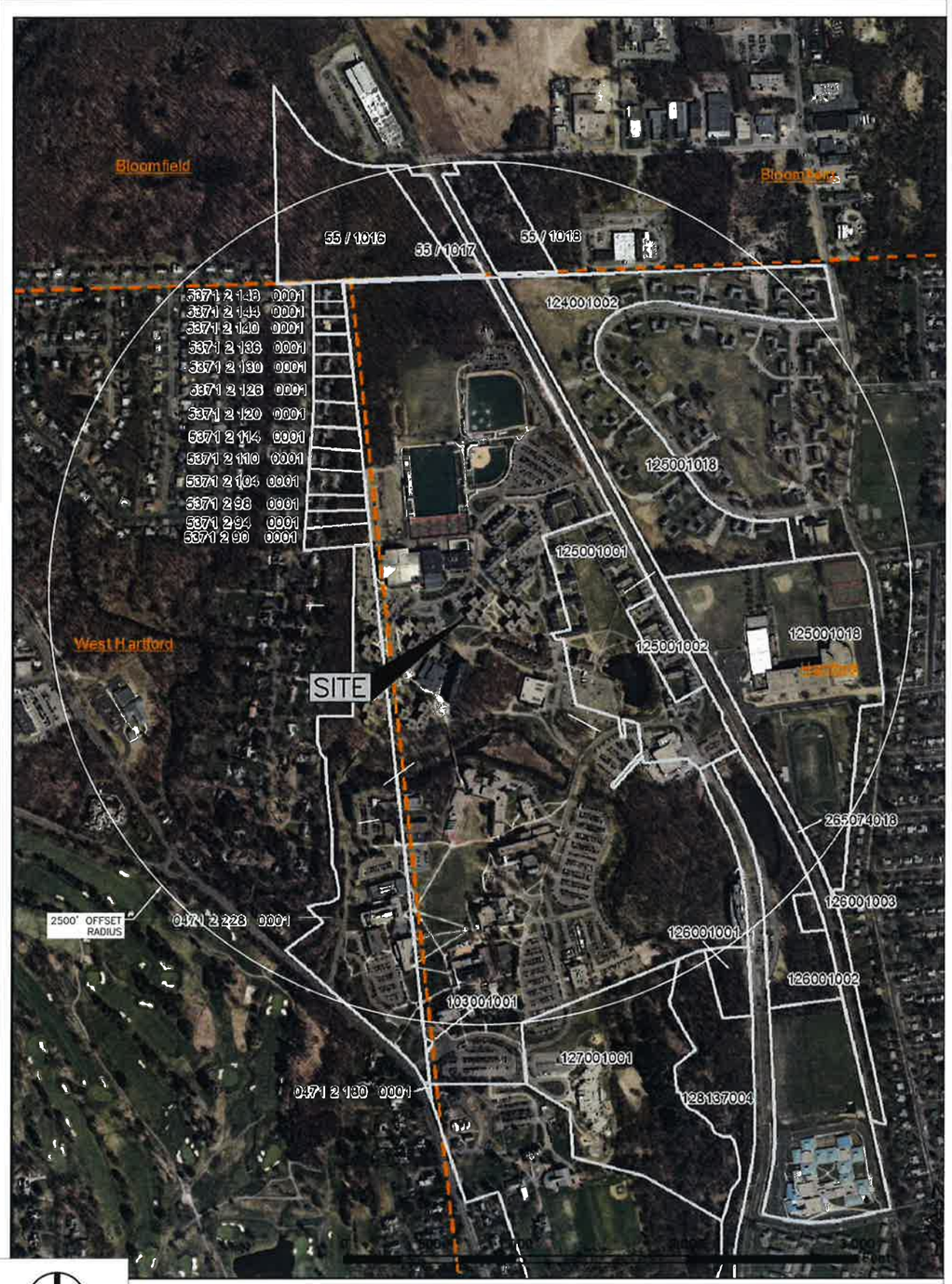
Z-2



APPROX. NORTH

1 | MUNICIPALITY NOTIFICATION LIMIT/ABUTTERS MAP | 11x17 SCALE: 1" = 1131.14305' 22x34 SCALE 1" = 400'

ABUTTERS LIST

TOWN	MBL OR GIS PIN	LOCATION	OWNER	MAILING ADDRESS
BLOOMFIELD	55 / 1016	EDDY ST	UNIVERSITY OF HARTFORD	200 BLOOMFIELD AVE WEST HARTFORD, CT 06117
BLOOMFIELD	55 / 1018	31 TOBEY RD	UNIVERSITY OF HARTFORD	200 BLOOMFIELD AVE WEST HARTFORD, CT 06117
BLOOMFIELD	55 / 1017	TOBEY RD	UNIVERSITY OF HARTFORD	200 BLOOMFIELD AVE WEST HARTFORD, CT 06117
WEST HARTFORD	5371 2 136 0001	136 SUNNY REACH DRIVE	KIM MYUNG CHAN	136 SUNNY REACH DRIVE WEST HARTFORD, CT 06117
WEST HARTFORD	5371 2 130 0001	130 SUNNY REACH DRIVE	SILVERMAN ISAAC E + LAURIE C	130 SUNNY REACH DRIVE WEST HARTFORD, CT 06117
WEST HARTFORD	5371 2 126 0001	126 SUNNY REACH DRIVE	MENE ABHAY S + GAYATRI A	126 SUNNY REACH DRIVE WEST HARTFORD, CT 06117
WEST HARTFORD	5371 2 114 0001	114 SUNNY REACH DRIVE	SANFORD RICHARD J + CHRISTINE M	114 SUNNY REACH DRIVE WEST HARTFORD, CT 06117
WEST HARTFORD	5371 2 120 0001	120 SUNNY REACH DRIVE	CLARK LESLIE C	120 SUNNY REACH DRIVE WEST HARTFORD, CT 06117
WEST HARTFORD	5371 2 110 0001	110 SUNNY REACH DRIVE	WANG HIN-CHENG + CATALAN DAME ROSE S	110 SUNNY REACH DRIVE WEST HARTFORD, CT 06117
WEST HARTFORD	5371 2 104 0001	104 SUNNY REACH DRIVE	BROWN LARRY C + ALICE K	104 SUNNY REACH DRIVE WEST HARTFORD, CT 06117
WEST HARTFORD	5371 2 148 0001	148 SUNNY REACH DRIVE	MITRA SUMIT + SUDAKSHINA	148 SUNNY REACH DRIVE WEST HARTFORD, CT 06117
WEST HARTFORD	5371 2 98 0001	98 SUNNY REACH DRIVE	SHAW CARRIE E	98 SUNNY REACH DRIVE WEST HARTFORD, CT 06117
WEST HARTFORD	5371 2 94 0001	94 SUNNY REACH DRIVE	SCHANER ELANA	94 SUNNY REACH DRIVE WEST HARTFORD, CT 06117
WEST HARTFORD	0471 2 228 0001	228 BLOOMFIELD AVENUE	UNIVERSITY OF HARTFORD	C/O VP FINANCE & ADMINSTRATION 220 BLOOMFIELD AVENUE WEST HARTFORD, CT 06117
WEST HARTFORD	5371 2 90 0001	90 SUNNY REACH DRIVE	MEAD LINDA J	90 SUNNY REACH DRIVE WEST HARTFORD, CT 06117
WEST HARTFORD	0471 2 190 0001	190 BLOOMFIELD AVENUE	WATKINSON SCHOOL	180 BLOOMFIELD AVENUE HARTFORD, CT 06105
WEST HARTFORD	5371 2 144 0001	144 SUNNY REACH DRIVE	RIFKIN HOWARD G + RUTH L PULDA	144 SUNNY REACH DRIVE WEST HARTFORD, CT 06117
WEST HARTFORD	5371 2 140 0001	140 SUNNY REACH DRIVE	LAHIRI BIMALIN + GERTRUD	140 SUNNY REACH DRIVE WEST HARTFORD, CT 06117
HARTFORD	125001018	GRANBY ST	CITY OF HARTFORD BOARD OF EDUCATION	415 GRANBY STREET HARTFORD, CT 06112
HARTFORD	103001001	BLOOMFIELD AVENUE	UNIVERSITY OF HARTFORD	200 BLOOMFIELD AVE WEST HARTFORD, CT 06117
HARTFORD	127001001	196 BLOOMFIELD AVENUE	UNIVERSITY OF HARTFORD	200 BLOOMFIELD AVE WEST HARTFORD, CT 06117
HARTFORD	126001001	BLOOMFIELD AVENUE	UNIVERSITY OF HARTFORD	200 BLOOMFIELD AVE WEST HARTFORD, CT 06117
HARTFORD	126001003		CONN LIGHT & POWER CO	PO BOX 270 HARTFORD, CT 06106
HARTFORD	126001002		UNIVERSITY OF HARTFORD	200 BLOOMFIELD AVE WEST HARTFORD, CT 06117
HARTFORD	125001002		UNIVERSITY HOUSING ASSOC LP	200 BLOOMFIELD AVE WEST HARTFORD, CT 06117
HARTFORD	125001001	200 BLOOMFIELD AVENUE	UNIVERSITY OF HARTFORD	200 BLOOMFIELD AVE WEST HARTFORD, CT 06117
HARTFORD	124001002	NAHUM DRIVE	HOUSING AUTHORITY-CITY OF HTFD	180 JOHN D WARDLAW WAY HARTFORD, CT 06106
HARTFORD	265074018	RR ROW	NATIONAL RAILROAD PASSENGER CO ATTN: MR ALAN WALKER PROJECT MANAGER REAL ESTATE DEVELOPMENT	30TH STREET STATION - 5S-014-BOX 25 2955 MARKET STREET PHILADELPHIA, PA 09104
HARTFORD	128137004		HOUSING AUTHORITY-CITY OF HTFD	180 JOHN D WARDLAW WAY HARTFORD, CT 06106

2 | ABUTTERS LIST

APPLICANT:
CELLCO PARTNERSHIP d/b/a
verizon

99 EAST RIVER DRIVE – 9th FLOOR
EAST HARTFORD, CT 06108

PREPARED BY:

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EBI JOB NO:
8115000835

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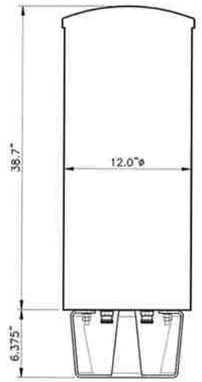
WEST HARTFORD, CT 06117

SHEET TITLE:
ABUTTERS MAP

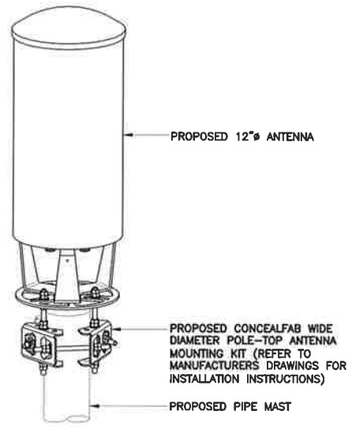
DRAWN BY: KR
CHECKED BY: JS
DATE: 08/05/16

SHEET NO:
Z-3

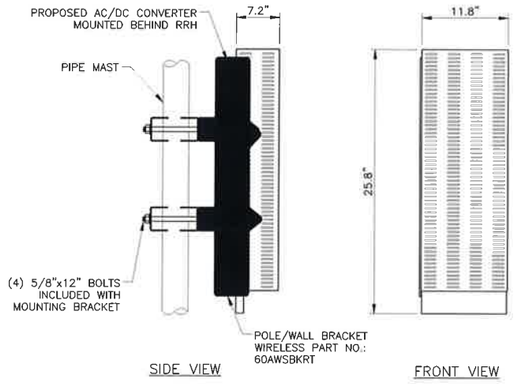


COMMSCOPE – NH360QM-DG-2XR
DIMENSIONS: 12"øx38.7"H
WEIGHT: 26.7 LBS.
WEIGHT W/ BRACKET: 33.7 LBS.

1 | ANTENNA SPECIFICATION | N.T.S.

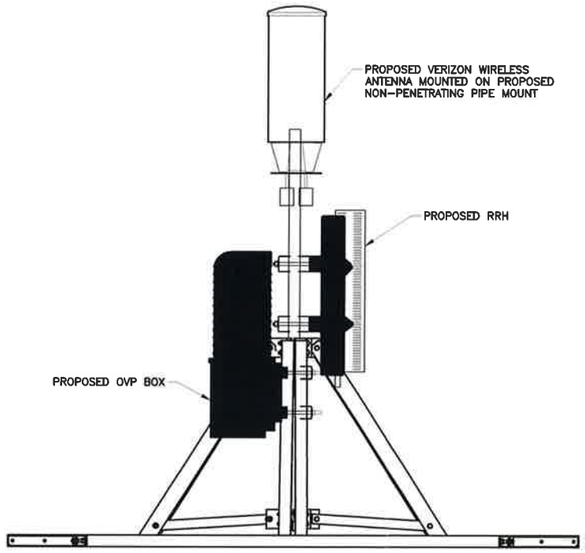


2 | ANTENNA MOUNT DETAIL | N.T.S.



ALU RRH 2X90-AWS
DIMENSIONS: 25.8"Hx11.8"Wx7.2"D W/SOLAR SHIELD
WEIGHT: 56.8 LBS.

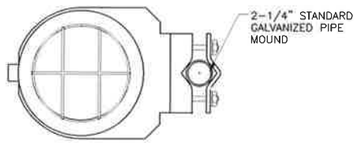
3 | RRH SPECIFICATION & DETAIL | N.T.S.

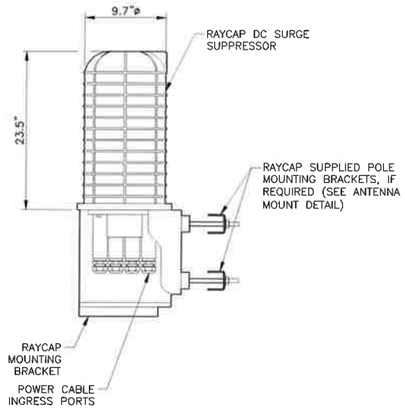


RAYCAP
DC6-48-60-18-8F &
DC6-48-60-0-8F
SURGE SUPPRESSION SOLUTION
BLACK/SILVER

DIMENSIONS:
11" DIA. X 27" TALL W/9" BASE

WEIGHT:
+/- 50 LBS.
(INCLUDING MOUNTING HARDWARE)





NOTE:
MOUNT PER MANUFACTURERS SPECIFICATIONS.

4 | OVP SPECIFICATION & DETAIL | N.T.S.

5 | SPACE NOT USED

6 | ANTENNA MOUNTING DETAIL | 11x17 SCALE: 3/8" = 1'-0" 22x34 SCALE: 3/4" = 1'-0"

APPLICANT:
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verizon
99 EAST RIVER DRIVE – 9th FLOOR
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Z-4

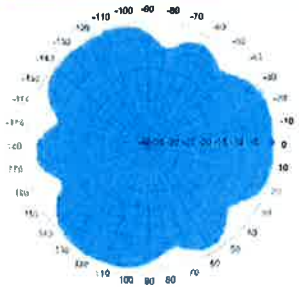
ATTACHMENT 3

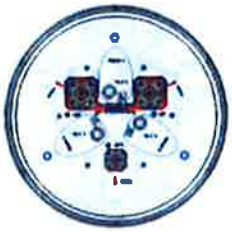
COMMSCOPE®

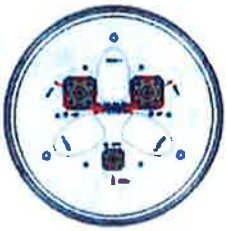
verizonwireless

Metro Cell Antennas with Internal Diplexer and GPS Antenna

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







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

ALCATEL-LUCENT 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.

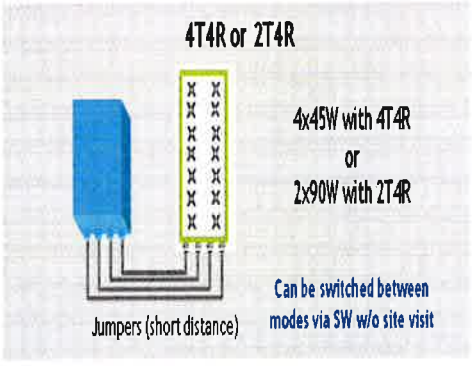
The Alcatel-Lucent B66a RRH4x45 product has four transmit RF paths, offering the possibility to **select, via software only, 2Tx or 4Tx MIMO configurations** with either 2x90W or 4x45W RF output power. It also supports 4-way Rx diversity at the 70 MHz instantaneous bandwidth.

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

TECHNICAL SPECIFICATIONS

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 Assessment & Photo-Simulations

UNIVERSITY OF HARTFORD SC1
200 BLOOMFIELD AVENUE
WEST HARTFORD, CT 06117

Prepared in September 2016 by:
All-Points Technology Corporation, P.C.
3 Saddlebrook Drive
Killingworth, CT 06141

Prepared for Verizon Wireless

ALL-POINTS
TECHNOLOGY CORPORATION

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 small cell wireless telecommunications Facility at 200 Bloomfield Avenue in Hartford, Connecticut (the "Property").

Project Setting

The Property is part of the University of Hartford campus and is developed with multiple buildings and facilities associated with the institution. The proposed Verizon Wireless Facility design includes affixing a single omni-directional antenna to a ballast-mounted pipe-mast on the roof of brick dormitory building. The antenna would extend approximately 7 feet above the roof's parapet wall. A Remote Radio Head and Over Voltage Protection box would be affixed to the pipe mast beneath the antenna. Associated equipment would be located within the building.

Methodology

On September 13, 2016, APT personnel conducted field reconnaissance and photo-documented existing conditions. Eight (8) nearby locations were selected to depict existing and proposed conditions and to provide generally unobstructed view lines towards at least a portion of the building. These locations also represent the approximate limits of visibility associated with the proposed installation. At each photo location, the geographic coordinates of the camera's position were logged using global positioning system ("GPS") technology. Photographs were taken with a Canon EOS 6D digital camera body and Canon EF 24 to 105 millimeter ("mm") zoom lens, with the lens set to 50 mm to present a consistent field of view.

Three-dimensional computer models were developed for the building and proposed small cell components from AutoCAD information. Photographic simulations were then generated to portray scaled renderings of the proposed installation. Using field data, site plan information and image editing software, the proposed Facility was scaled to the correct location and height, relative to the existing structure and surrounding area. A photolog map and copies of the existing conditions and photo-simulations are attached.

Four (4) locations where the proposed Facility will be visible were simulated. The simulations are however static in nature and do not necessarily fairly characterize the prevailing views from all locations within a given area.

They provide a representation of the proposed Facility under similar settings as those encountered during the field reconnaissance. Views of the Facility can change substantially throughout the seasons as well as the time of day, and are dependent on weather and other atmospheric conditions including but not necessarily limited to haze, fog, and clouds; the location, angle and intensity of the sun; light conditions, and the specific viewer location.

Conclusions

The visibility of the proposed installation would be confined to portions of the University campus and not extend beyond the immediate vicinity of the building to the east and south. Locations north and west of the building will not be affected. The relatively low height of the antenna above the roof line assists in minimizing the profile of the Facility.

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.

ATTACHMENTS

PHOTO LOG

Legend

Site | Year-Round Visibility | Not Visible

N W E S

1 inch = 100 feet

50 25 0 50 Feet

ALL-POINTS TECHNOLOGY CORPORATION

verizon

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
1	**HOST PROPERTY**	**NORTHEAST**	**+/- 387 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
2	**HOST PROPERTY**	**NORTHEAST**	**+/- 378 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
3	**HOST PROPERTY**	**NORTHWEST**	**+/- 205 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
3	**HOST PROPERTY**	**NORTHWEST**	**+/- 205 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
4	**HOST PROPERTY**	**NORTHWEST**	**+/- 145 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
4	**HOST PROPERTY**	**NORTHWEST**	**+/- 145 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
5	**HOST PROPERTY (24mm Focal Length)**	**WEST**	**+/- 74 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
5	**HOST PROPERTY (24mm Focal Length)**	**WEST**	**+/- 74 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
6	**HOST PROPERTY**	**SOUTHWEST**	**+/- 169 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
6	**HOST PROPERTY**	**SOUTHWEST**	**+/- 169 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

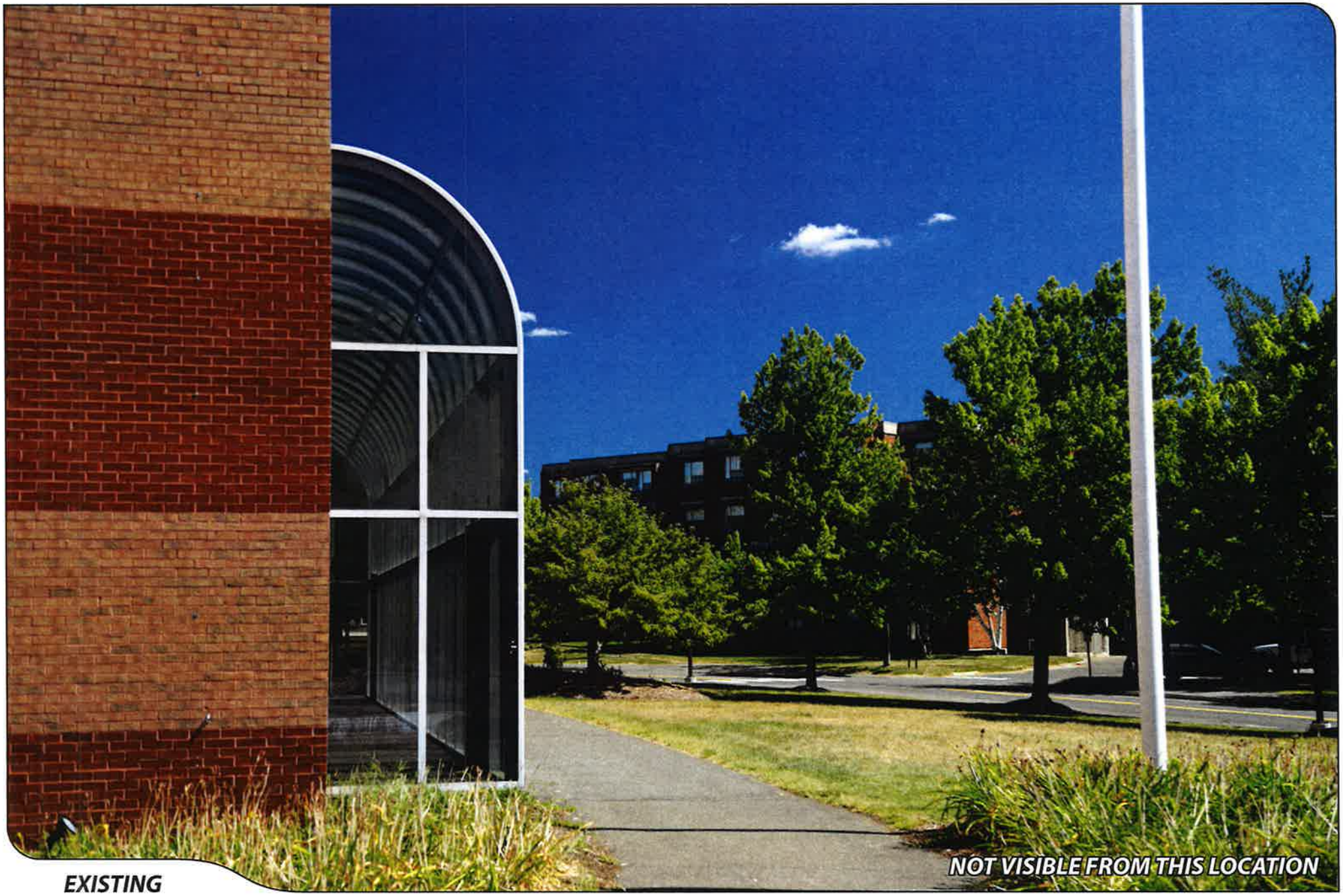
verizon

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
7	**HOST PROPERTY**	**SOUTHEAST**	**+/- 226 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon



EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
8	**HOST PROPERTY**	**EAST**	**+/- 430 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

ATTACHMENT 5

Site Name: University of Hartford SC 1, CT
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissable Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW PCS	1970							
VZW Cellular	869							
VZW AWS	2145	1	595	595	41.5	0.1242	1.0	12.42%
VZW 700	746							

Total Percentage of Maximum Permissible Exposure 12.42%

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

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

Absolute worst case maximum values used.

ATTACHMENT 6

UNIVERSITY_OF_HARTFORD_SC1_CT_AIRSPACE.txt

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

Airspace User: Mark Brauer

File: UNIVERSITY_OF_HARTFORD_SC1_CT

Location: Hartford, CT

Latitude: 41°-48'-5.4" Longitude: 72°-42'-54.13"

SITE ELEVATION AMSL.....80 ft.
STRUCTURE HEIGHT.....43 ft.
OVERALL HEIGHT AMSL.....123 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 HFD
FAR 77.9: NNR FAR 77.9 IFR Straight-In Notice Criteria for 4B9
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 - Transitional Surface

VFR TRAFFIC PATTERN AIRSPACE FOR: HFD: HARTFORD-BRAINARD
Type: A RD: 28043.53 RE: 18.3
FAR 77.17(a)(1): DNE
FAR 77.17(a)(2): DNE - Height No Greater Than 200 feet AGL.
VFR Horizontal Surface: DNE
VFR Conical Surface: DNE
VFR Approach Slope: DNE
VFR Transitional Slope: DNE

VFR TRAFFIC PATTERN AIRSPACE FOR: 4B9: SIMSBURY
Type: A RD: 44194.22 RE: 177.1
FAR 77.17(a)(1): DNE
FAR 77.17(a)(2): Does Not Apply.
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): DNE - No Airway Found

PRIVATE LANDING FACILITIES

FACIL IDENT	TYP	NAME	BEARING TO FACIL	RANGE IN NM	DELTA ARP ELEVATION	FAA IFR
0CT5	HEL	ST FRANCIS HOSPITAL	155.94	1.78	-61	
No Impact to Private Landing Facility Structure 0 ft below heliport.						
CT06	HEL	DELTA ONE	107.21	2.56	+102	
No Impact to Private Landing Facility Structure is beyond notice limit by 10555 feet.						
0CT9	HEL	HARTFORD HOSPITAL	149.92	3.26	-88	
No Impact to Private Landing Facility Structure 6 ft below heliport.						
CT05	HEL	KAMAN AEROSPACE CORP	10.72	3.69	-41	
No Impact to Private Landing Facility Structure 0 ft below heliport.						
CT62	HEL	TWIN MANUFACTURING COMPANY	84.01	4.75	+63	
No Impact to Private Landing Facility Structure is beyond notice limit by 23861 feet.						
CT88	HEL	RENTSCHLER	126.61	4.85	+75	
No Impact to Private Landing Facility Structure is beyond notice limit by 24469 feet.						
CT00	HEL	ELECTRO-METHODS INC	70.35	5.44	+19	
No Impact to Private Landing Facility Structure is beyond notice limit by 28054 feet.						
CT14	AIR	BANCROFT	48.59	5.91	+71	
No Impact to VFR Transitional Surface. Below surface height of 491 ft above ARP.						

AIR NAVIGATION ELECTRONIC FACILITIES

FAC IDNT	TYPE	ST AT	FREQ	VECTOR	DIST (ft)	DELTA ELEVA	ST	LOCATION	GRND APCH ANGLE	BEAR
HFD	ATCT	Y	A/G	144.47	29809	+48	CT	HARTFORD-BRAINARD	.09	
HFD	LOCALIZER	I	109.7	145.32	30485	+112	CT	RWY 02 HARTFORD-B	.21	2
BDL	RADAR	ON		10.06	50724	-113	CT	BRADLEY INTL	-.13	
No Impact. This structure does not require Notice based upon EMI. The studied location is within 20 NM of a Radar facility. The calculated Radar Line-Of-Sight (LOS) distance is: 32 NM. This location and height is within the Radar Line-Of-Sight.										
BDL	VORTAC	D	109.0	8.07	51342	-37	CT	BRADLEY	-.04	

HFD	VOR/DME	R	114.9	142.00	74236	-726	CT HARTFORD	-.56
BAF	VORTAC	R	113.0	359.86	131348	-144	MA BARNES	-.06
CEF	VORTAC	R	114.0	19.51	153162	-118	MA WESTOVER	-.04
MAD	VOR/DME	R	110.4	177.99	177805	-97	CT MADISON	-.03
CTR	VOR/DME	I	115.1	340.45	189501	-1477	MA CHESTER	-.45
HVN	VOR/DME	R	109.8	193.28	201917	+117	CT NEW HAVEN	.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: WDRC @ 2030 meters.

Airspace® Summary Version 16.7.421

08-02-2016
09:51:10

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

November 2, 2016

Via Certificate of Mailing

Shari Cantor, Mayor
Town of West Hartford
50 South Main Street
West Hartford, CT 06107

Re: **Proposed Installation of a Roof-Top Wireless Telecommunications Facility at the University of Hartford, 200 Bloomfield Avenue, West Hartford, Connecticut**

Dear Mayor Cantor:

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 on the roof of the Hyllier dormitory building at the University of Hartford, 200 Bloomfield Avenue in West Hartford (the "Property"). The facility will consist of a small roof-top tower supporting a single canister antenna and remote radio head. The tower and antenna will extend to a height of 42'-8" above ground level, approximately 7'-4" above the existing roof parapet wall. A remote radio head will also be mounted to the tower, below the antenna.

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.

15480841-v1

Robinson+Cole

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

Sincerely,

Kenneth C. Baldwin

Attachment

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

November 2, 2016

Via Certificate of Mailing

Luke Bronin, Mayor
City of Hartford
550 Main Street
Hartford, CT 06103

Re: **Proposed Installation of a Roof-Top Wireless Telecommunications Facility at the University of Hartford, 200 Bloomfield Avenue, West Hartford, Connecticut**

Dear Mayor Bronin:

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 on the roof of the Hyllier dormitory building at the University of Hartford, 200 Bloomfield Avenue in West Hartford (the "Property"). The facility will consist of a small roof-top tower supporting a single canister antenna and remote radio head. The tower and antenna will extend to a height of 42'-8" above ground level, approximately 7'-4" above the existing roof parapet wall. A remote radio head will also be mounted to the tower, below the antenna.

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.

15481110-v1

Robinson+Cole

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

Sincerely,

Kenneth C. Baldwin

Attachment

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

November 2, 2016

Via Certificate of Mailing

Philip K. Schenck, Jr., Town Manager
Town of Bloomfield
800 Bloomfield Avenue
Bloomfield, CT 06002

Re: **Proposed Installation of a Roof-Top Wireless Telecommunications Facility at the University of Hartford, 200 Bloomfield Avenue, West Hartford, Connecticut**

Dear Mr. Schenck:

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 on the roof of the Hyllier dormitory building at the University of Hartford, 200 Bloomfield Avenue in West Hartford (the "Property"). The facility will consist of a small roof-top tower supporting a single canister antenna and remote radio head. The tower and antenna will extend to a height of 42'-8" above ground level, approximately 7'-4" above the existing roof parapet wall. A remote radio head will also be mounted to the tower, below the antenna.

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.

15481370-v1

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

Sincerely,

Kenneth C. Baldwin

Attachment

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

November 2, 2016

Via Certificate of Mailing

University of Hartford
Attn: Brett Carroll
200 Bloomfield Avenue
West Hartford, CT 06117

Re: **Proposed Installation of a Roof-Top Wireless Telecommunications Facility at the University of Hartford, 200 Bloomfield Avenue, West Hartford, Connecticut**

Dear Mr. Carroll:

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 on the roof of the Hyllier dormitory building at the University of Hartford, 200 Bloomfield Avenue in West Hartford (the "Property"). The facility will consist of a small roof-top tower supporting a single canister antenna and remote radio head. The tower and antenna will extend to a height of 42'-8" above ground level, approximately 7'-4" above the existing roof parapet wall. A remote radio head will also be mounted to the tower, below the antenna.

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.

15481415-v1

Robinson + Cole

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

November 2, 2016

Via Certificate of Mailing

«Name_and_Address»

Re: **Proposed Installation of a Roof-Top Wireless Telecommunications Facility at the University of Hartford, 200 Bloomfield Avenue, West Hartford, 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 telecommunications facility on the roof of the Hyllier dormitory building at the University of Hartford, 200 Bloomfield Avenue in West Hartford (the "Property"). The facility will consist of a small roof-top tower supporting a single canister antenna and remote radio head. The tower and antenna will extend to a height of 42'-8" above ground level, approximately 7'-4" above the existing roof parapet wall. A remote radio head will also be mounted to the tower, below the antenna. 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

BLOOMFIELD AVENUE, WEST HARTFORD, CONNECTICUT

BLOOMFIELD

	Property Address	Owner's and Mailing Address
1.	Eddy Street	University of Hartford 200 Bloomfield Avenue West Hartford, CT 06117
2.	31 Tobey Road	University of Hartford 200 Bloomfield Avenue West Hartford, CT 06117
3.	Tobey Road	University of Hartford 200 Bloomfield Avenue West Hartford, CT 06117

WEST HARTFORD

	Property Address	Owner's and Mailing Address
4.	148 Sunny Reach Drive	Sumit and Sudakshina Mitra 148 Sunny Reach Drive West Hartford, CT 06117
5.	144 Sunny Reach Drive	Howard G. Rifkin and Ruth L. Pulda 144 Sunny Reach Drive West Hartford, CT 06117
6.	140 Sunny Reach Drive	Bimalin and Gertrude Lahiri 140 Sunny Reach Drive West Hartford, CT 06117
7.	136 Sunny Reach Drive	Myung Chan Kim 136 Sunny Reach Drive West Hartford, CT 06117

	Property Address	Owner's and Mailing Address
8.	130 Sunny Reach Drive	Isaac E. and Laurie C. Silverman 130 Sunny Reach Drive West Hartford, CT 06117
9.	126 Sunny Reach Drive	Abhay S. and Gayatri Mene 126 Sunny Reach Drive West Hartford, CT 06117
10.	120 Sunny Reach Drive	Leslie C. Clark 120 Sunny Reach Drive West Hartford, CT 06117
11.	114 Sunny Reach Drive	Richard J. and Christine M. Sanford 114 Sunny Reach Drive West Hartford, CT 06117
12.	110 Sunny Reach Drive	Hin-Cheng Wang and Dame Rose S. Catalan 110 Sunny Reach Drive West Hartford, CT 06117
13.	104 Sunny Reach Drive	Larry C. and Alice K. Brown 104 Sunny Reach Drive West Hartford, CT 06117
14.	98 Sunny Reach Drive	Carrie E. Shaw 98 Sunny Reach Drive West Hartford, CT 06117
15.	94 Sunny Reach Drive	Elana Schaner 94 Sunny Reach Drive West Hartford, CT 06117
16.	90 Sunny Reach Drive	Linda J. Mead 90 Sunny Reach Drive West Hartford, CT 06117
17.	228 Bloomfield Avenue	University of Hartford 200 Bloomfield Avenue West Hartford, CT 06117
18.	190 Bloomfield Avenue	Watkinson School 180 Bloomfield Avenue West Hartford, CT 06117

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	Property Address	Owner's and Mailing Address
19.	Bloomfield Avenue	University of Hartford 200 Bloomfield Avenue West Hartford, CT 06117
20.	Bloomfield Avenue	University of Hartford 200 Bloomfield Avenue West Hartford, CT 06117
21.	Mark Twain Drive	Housing Authority – City of Hartford 180 John D. Wardlaw Way Hartford, CT 06106
22.	Bloomfield Avenue	University of Hartford 200 Bloomfield Avenue West Hartford, CT 06117
23.	Bloomfield Avenue	University of Hartford 200 Bloomfield Avenue West Hartford, CT 06117
24.	Bloomfield Avenue	Connecticut Light and Power P.O. Box 270 Hartford, CT 06141-0270
25.	Bloomfield Avenue	University of Hartford 200 Bloomfield Avenue West Hartford, CT 06117
26.	Bloomfield Avenue	University Housing Authority c/o Thomas J. Perra 200 Bloomfield Avenue West Hartford, CT 06117
27.	Granby Street	Board of Education – City of Hartford 415 Granby Street Hartford, CT 06112
28.	Nahum Drive	Housing Authority – City of Hartford 180 John D. Wardlaw Way Hartford, CT 06106

	Property Address	Owner's and Mailing Address
29.	RR ROW	National Railroad Passenger Co. Attn: Mr. Alan Walker, Project Manager Real Estate Development 30th Street Station – 5S-0114-Box25 2955 Market Street Philadelphia, PA 09104