STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:	:	
	:	
A PETITION OF CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS FOR A DECLARATORY RULING ON THE NEED TO OBTAIN A SITING COUNCIL CERTIFICATE FOR THE INSTALLATION OF A SMALL CELL TELECOMMUNICATIONS FACILITY AT 55 COOGAN BOULEVARD, MYSTIC (STONINGTON), CONNECTICUT	:	PETITION NO. ____
	:	JUNE 15, 2015

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

I. Introduction

Pursuant to Sections 16-50j-38 and 16-50j-39 of the Regulations of Connecticut State Agencies ("R.C.S.A."), Cellco Partnership d/b/a Verizon Wireless ("Cellco") hereby petitions the Connecticut Siting Council (the "Council") for a declaratory ruling ("Petition") that no Certificate of Environmental Compatibility and Public Need ("Certificate") is required under Section 16-50k(a) of the Connecticut General Statutes ("C.G.S.") to install a new "small cell" telecommunications facility on an existing commercial building at 55 Coogan Boulevard in Mystic, Connecticut (the "Property"). The Property is immediately south of Interstate 95 ("I-95") and is owned by Sea Research Foundation Inc. Cellco has designated this site as its "Mystic 3 SC Facility".

II. Factual Background

The Property is an approximately 18-acre parcel in Stonington's TC-80 zone. The Property is bounded by Interstate 95 to the north and commercial uses to the south, east and west.

See Attachment 1 – Site Vicinity Map and Site Schematic (Aerial Photograph). Cellco is licensed to provide wireless telecommunications services in the 850 MHz, 1900 MHz, 700 MHz and 2100 MHz frequency ranges in the Mystic area and throughout the State of Connecticut. Initially, the proposed Mystic 3 SC Facility described herein will provide wireless service in Cellco's 2100 MHz frequency range only. Coverage plots showing Cellco's service in the Stonington/Mystic area and the coverage footprint for the proposed Mystic 3 SC Facility are included in Attachment 2.

As shown on the coverage plots, Cellco currently maintains three (3) cell sites within approximately two (2) miles of the proposed Mystic 3 SC Facility. As depicted on coverage maps included in Attachment 2, Cellco currently maintains some gaps in reliable wireless service to the north and east of the Property in its 2100 MHz frequencies. Cellco's Mystic 3 SC Facility will fill some of these existing coverage gaps, particularly along portions of Interstate 95 and local roads to the north and east and provide capacity relief to its existing Mystic and Mystic 2 cell sites.

III. Proposed Mystic 3 SC Facility

The Mystic 3 SC Facility would consist of a small tower attached to the building. The tower will support a single canister-type antenna and remote radio head ("RRH"). The top of the antenna will extend approximately 8'-6" above the roof of the building. Equipment associated with the small cell facility will be located in a cabinet, placed on an 8' x 8' concrete pad along the west side of the building. Power and telephone service to the Mystic 3 SC Facility will extend from existing service inside the building. (*See* Cellco's Project Plans included in Attachment 3). Specifications for the small cell antenna (Commscope Model NH360QS-DG-F0M) and RRH (Model RRH2x60-AWS) are included in Attachment 4.

IV. Discussion

A. The Proposed Small Cell Facility 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 single canister antenna and a RRH on the tower attached to the roof of the building and the installation of an equipment cabinet on the ground adjacent to the building, will not involve a significant alteration in the physical and environmental characteristics of the Property or the surrounding area.

2. Visual Effects

The installation of a single canister antenna and RRH on a small tower would not have a significant visual impact on the Property or the surrounding area. Visibility of the small cell installation would be limited to nearby locations, primarily from the parking area to the west. (*See* Limited Visual Assessment and Photo-Simulations ("Visual Report") included in Attachment 5).

3. FCC Compliance

Radio frequency ("RF") emissions from the proposed installation will be below the standards adopted by the Federal Communications Commission ("FCC"). Included in

Attachment 6 is a worst-case General Power Density table for Cellco's 2100 MHz frequency at the Property. This calculation demonstrates that the Mystic 3 SC Facility will operate within the FCC safety standard.

4. FAA Summary Report

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

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

On June 15, 2015, a copy of this Petition was sent to George Crouse, First Selectman of Stonington and Sea Research Foundation Inc., the owner of the property. Included in Attachment 8 are copies of the letters sent to First Selectman Crouse and the Property owner.

A copy of this 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 a copy of the Petition is included in Attachment 9.

V. Conclusion

Based on the information provided above, Cellco respectfully requests that the Council issue a determination in the form of a declaratory ruling that the installation of the Mystic 3 SC Facility will not have a substantial adverse environmental effect and does not require the issuance of a Certificate of Environmental Compatibility and Public Need pursuant to § 16-50k of the General Statutes.

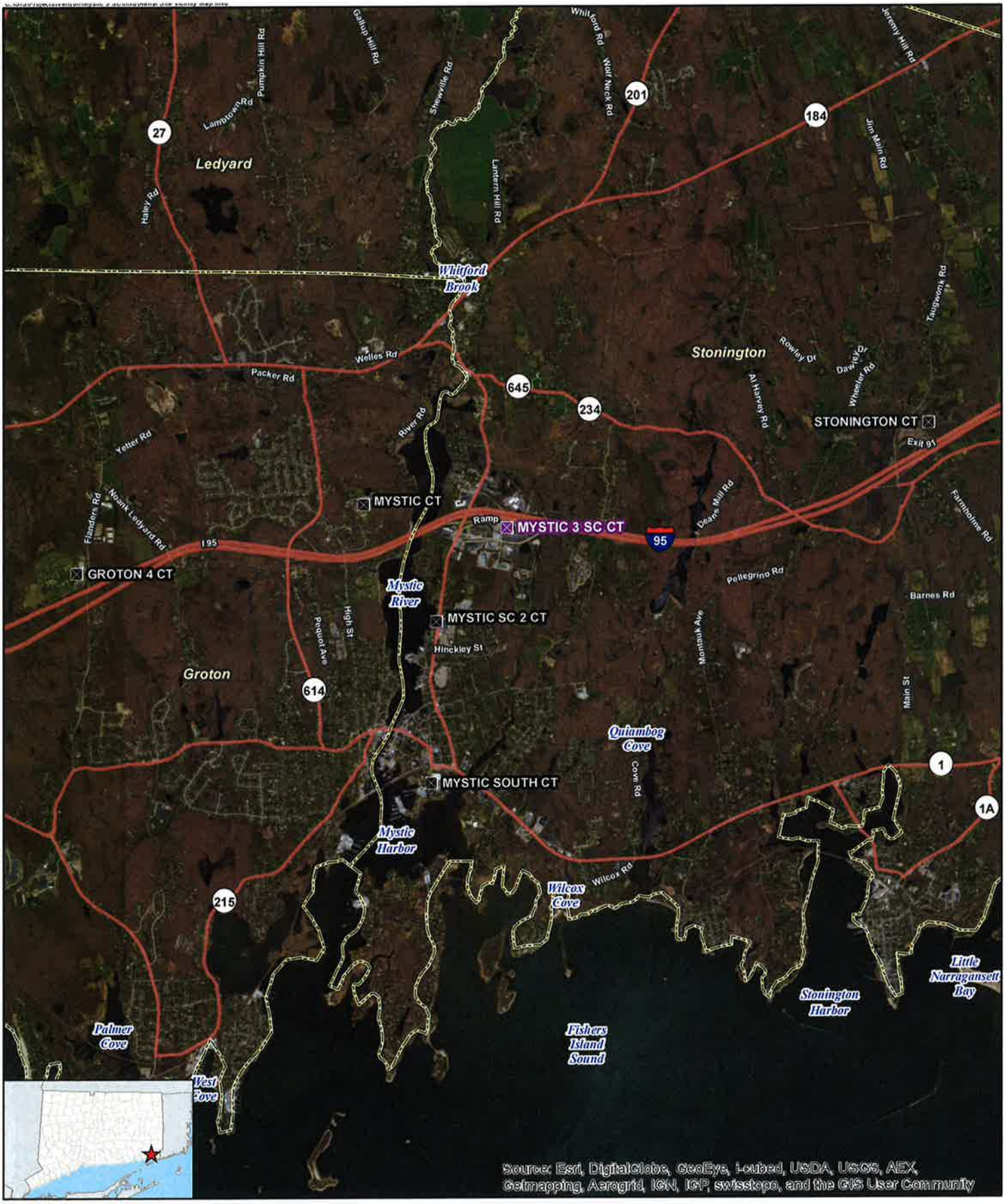
Respectfully submitted,

CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS

By _____

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

ATTACHMENT 1



Legend

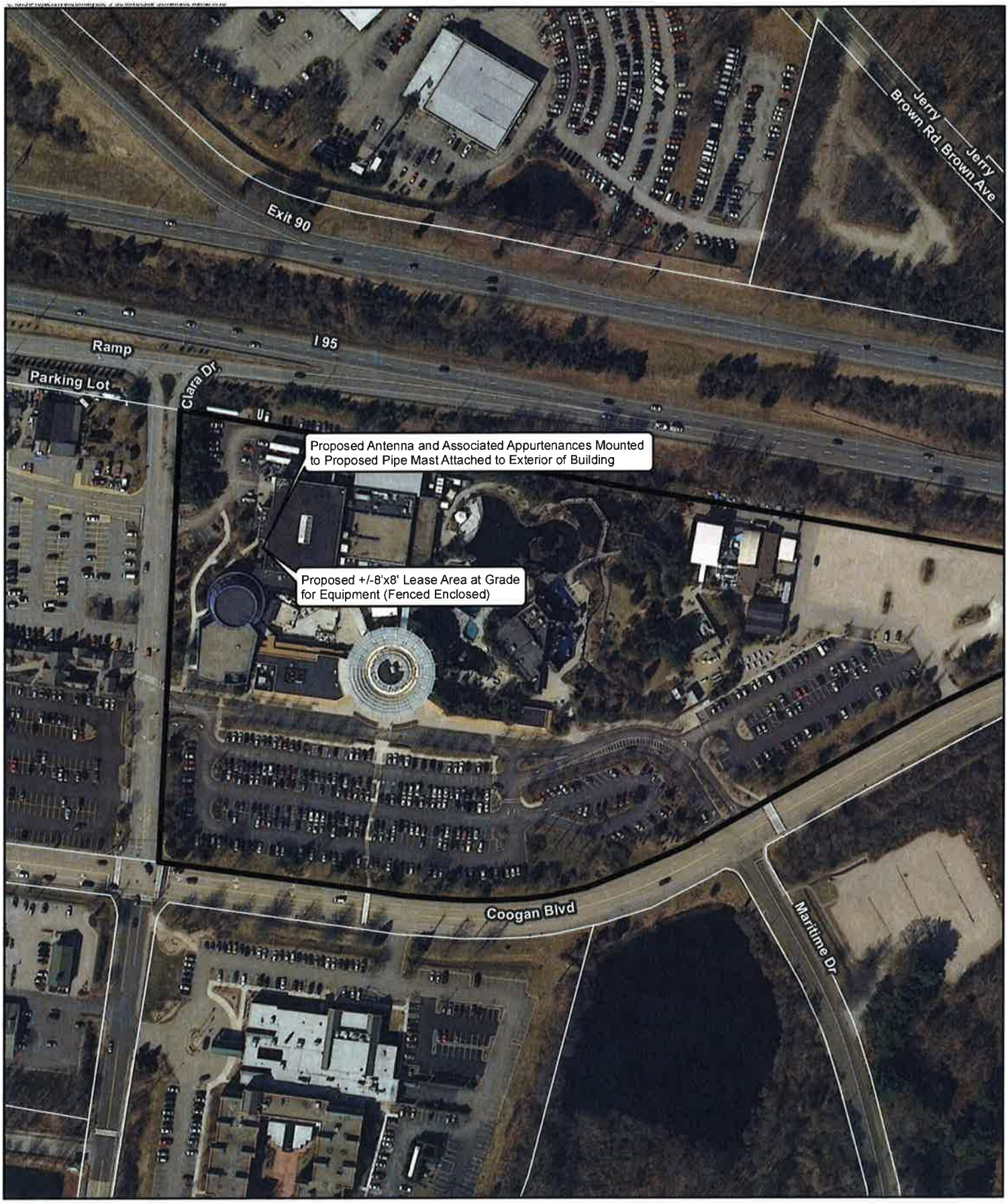
- Proposed Verizon Wireless Small Cell Facility
- Surrounding Verizon Wireless Facilities
- Municipal Boundary

Site Vicinity Map

Proposed Small Cell Installation
Mystic 3 SC CT
55 Coogan Boulevard
Mystic, Connecticut

Base Map Source: ESRI World Imagery (Microsoft, 3/28/2011)
Map Scale: 1 inch = 4,500 feet
Map Date: March 2015

4,500 2,250 0 4,500 Feet



Legend

Subject Property

Site Schematic

Proposed Small Cell Installation
Mystic 3 SC CT
55 Coogan Boulevard
Mystic, Connecticut

verizonwireless

N
W E
S

200 100 0 200
Feet

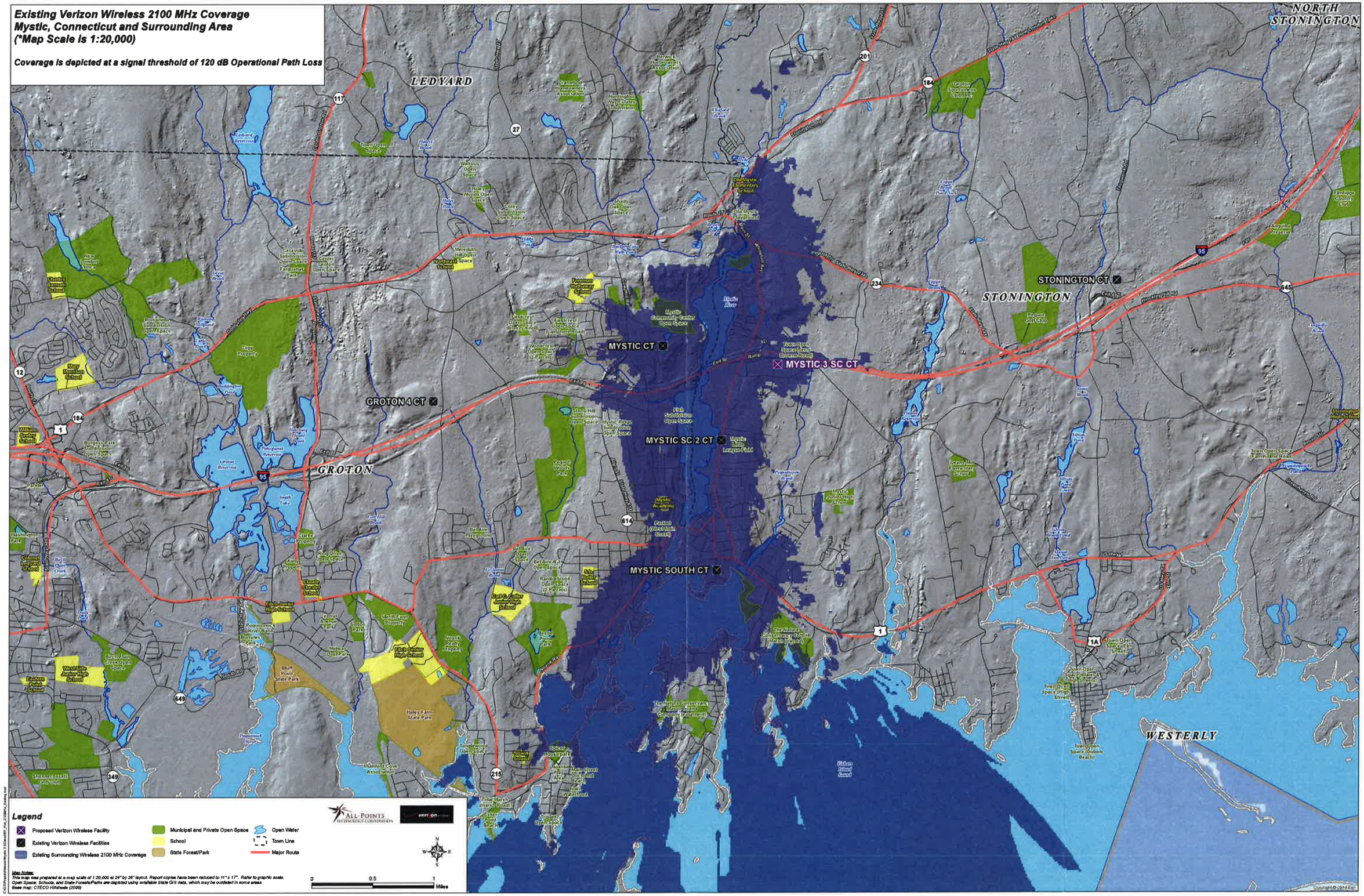
Map Notes:
Base Map Source: 2012 Aerial Photograph (CTECO)
Map Scale: 1 inch = 200 feet
Map Date: March 2015

ALL-POINTS

ATTACHMENT 2

Existing Verizon Wireless 2100 MHz Coverage
Mystic, Connecticut and Surrounding Area
(*Map Scale is 1:20,000)

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



Proposed Verizon Wireless 2100 MHz Coverage
Mystic, Connecticut and Surrounding Area
(*Map Scale is 1:20,000)

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

LEDYARD
NORTH STONINGTON
GROTON
STONINGTON
WESTERLY
GROTON 4 CT
MYSTIC CT
MYSTIC 3 SC CT
MYSTIC SC 2 CT
MYSTIC SOUTH CT
STONINGTON CT

Legend

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

ALL-POINTS TECHNOLOGY CORPORATION

Map Notes:
This map was prepared at a map scale of 1:20,000 at 24" by 36" layout. Report copies have been reduced to 11" x 17". Refer to graphic scale.
Open Space, Schools, and State Forests/Parks are depicted using available State GIS data, which may be outdated in some areas.
Base map: CTECO Hillshade (2009)

0 0.5 1 Miles

ATTACHMENT 3

Cellco Partnership

d.b.a. verizon wireless

WIRELESS COMMUNICATIONS FACILITY

MYSTIC 3 SC

55 COOGAN BLVD

MYSTIC, CT 06355

SITE DIRECTIONS

FROM: 99 EAST RIVER DRIVE, EAST HARTFORD, CONNECTICUT **TO:** 55 COOGAN BLVD, MYSTIC, CT 06355

1. Head northeast on E River Dr	0.9 mi
2. Merge onto I-84 on left toward CT-2	0.2 mi
3. Merge onto CT-2 exit 55	23.8 mi
4. Keep right take CT-11 exit 19	7.8 mi
5. Take CT-82 toward New London	1.2 mi
6. Enter next roundabout take first exit onto CT-85	10.4 mi
7. Take I-95	9.1 mi
8. Merge onto CT-27S exit 90 toward Mystic	0.3 mi
9. Turn left onto Coogan Blvd	0.5 mi

GENERAL NOTES

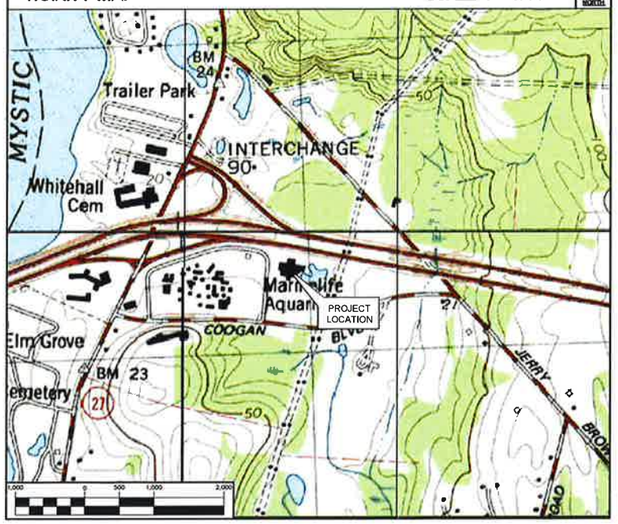
1. PROPOSED ANTENNA LOCATIONS AND HEIGHTS PROVIDED BY CELLCO PARTNERSHIP.

PROJECT SCOPE

1. THE PROPOSED SCOPE OF WORK GENERALLY INCLUDES THE INSTALLATION OF A PROPOSED CELLCO PARTNERSHIP EQUIPMENT CABINET AT GRADE WITHIN 6' TALL VINYL FENCE.
2. A TOTAL OF ONE (1) OMNI-DIRECTIONAL ANTENNA IS MOUNTED TO PROPOSED PIPE MAST ATTACHED TO EXTERIOR OF EXISTING BUILDING. WITH AN ANTENNA CENTERLINE ELEVATION OF 45.0' A.G.L.
3. ELECTRIC AND TELCO UTILITIES SHALL BE ROUTED FROM EXISTING ELECTRICAL, TELCO DEMARCS UP TO PROPOSED EQUIPMENT CABINET.
4. THE PROPOSED WIRELESS FACILITY INSTALLATION WILL BE DESIGNED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2009 CONNECTICUT SUPPLEMENT.

VICINITY MAP

SCALE: 1" = 1000'



PROJECT SUMMARY

SITE NAME:	MYSTIC 3 SC
SITE ADDRESS:	55 COOGAN BLVD MYSTIC, CT 06355
LESSEE/TENANT:	CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
VERIZON SITE ACQUISITION CONTACT:	ALEKSEY TYURIN CELLCO PARTNERSHIP (860) 803-8213
LEGAL/REGULATORY COUNSEL:	KENNETH C. BALDWIN, ESQ. ROBINSON & COLE LLP (860) 275-8345
SITE COORDINATES:	LATITUDE: 41°-22'-26.032"N LONGITUDE: 71°-57'-14.099"W GROUND ELEVATION: ±23.4' AMSL COORDINATES AND GROUND ELEVATION REFERENCED FROM FAA 1-A SURVEY CERTIFICATION AS PREPARED FOR VERIZON WIRELESS, BY MARTINEZ COUCH AND ASSOCIATES L.L.C., DATED MARCH 4, 2015.

SHEET INDEX

REV.	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
1	06/11/15	DNA	DMD	ISSUED FOR CSC
0	06/09/15	DNA	DMD	ISSUED FOR CSC-CLIENT REVIEW

PROFESSIONAL ENGINEER SEAL

Cellco Partnership d.b.a. verizon wireless

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

Cellco Partnership d/b/a Verizon Wireless

WIRELESS COMMUNICATIONS FACILITY

MYSTIC 3 SC

55 COOGAN BLVD
MYSTIC, CT 06355

DATE: 04/24/15
SCALE: AS NOTED
JOB NO. 15018.000

TITLE SHEET

T-1

LIST OF ABUTTERS

N/F
MALL INC.
COOGAN BLVD 16
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 28
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 10
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD MAINT.
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 21
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 8A–F
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 7A&B
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 26A&B
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 20
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 24
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 27A–E
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 1
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 8G&H
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 18
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 2
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 19B
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 4A–C
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 6
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 22
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 3B
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 23
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 15A–C
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 3A
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD #RSTRM
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 14
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 9
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 5
MA: P.O. BOX 176
MYSTIC, CT 06355

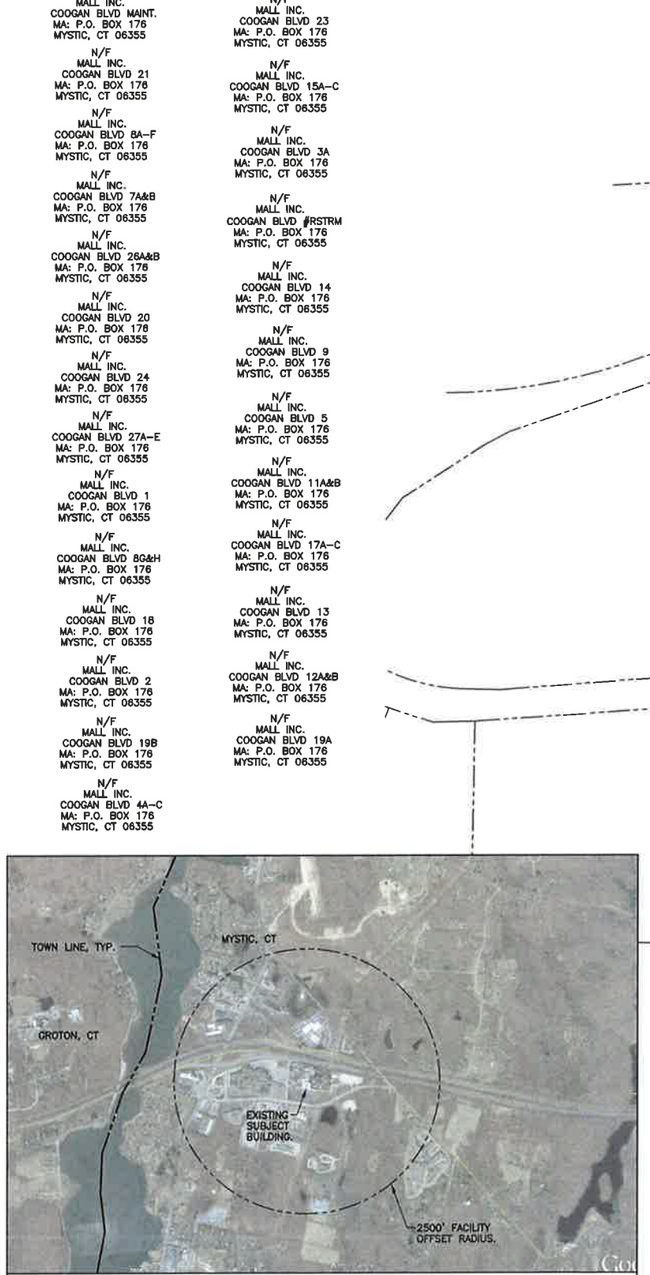
N/F
MALL INC.
COOGAN BLVD 11A&B
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 17A–C
MA: P.O. BOX 176
MYSTIC, CT 06355

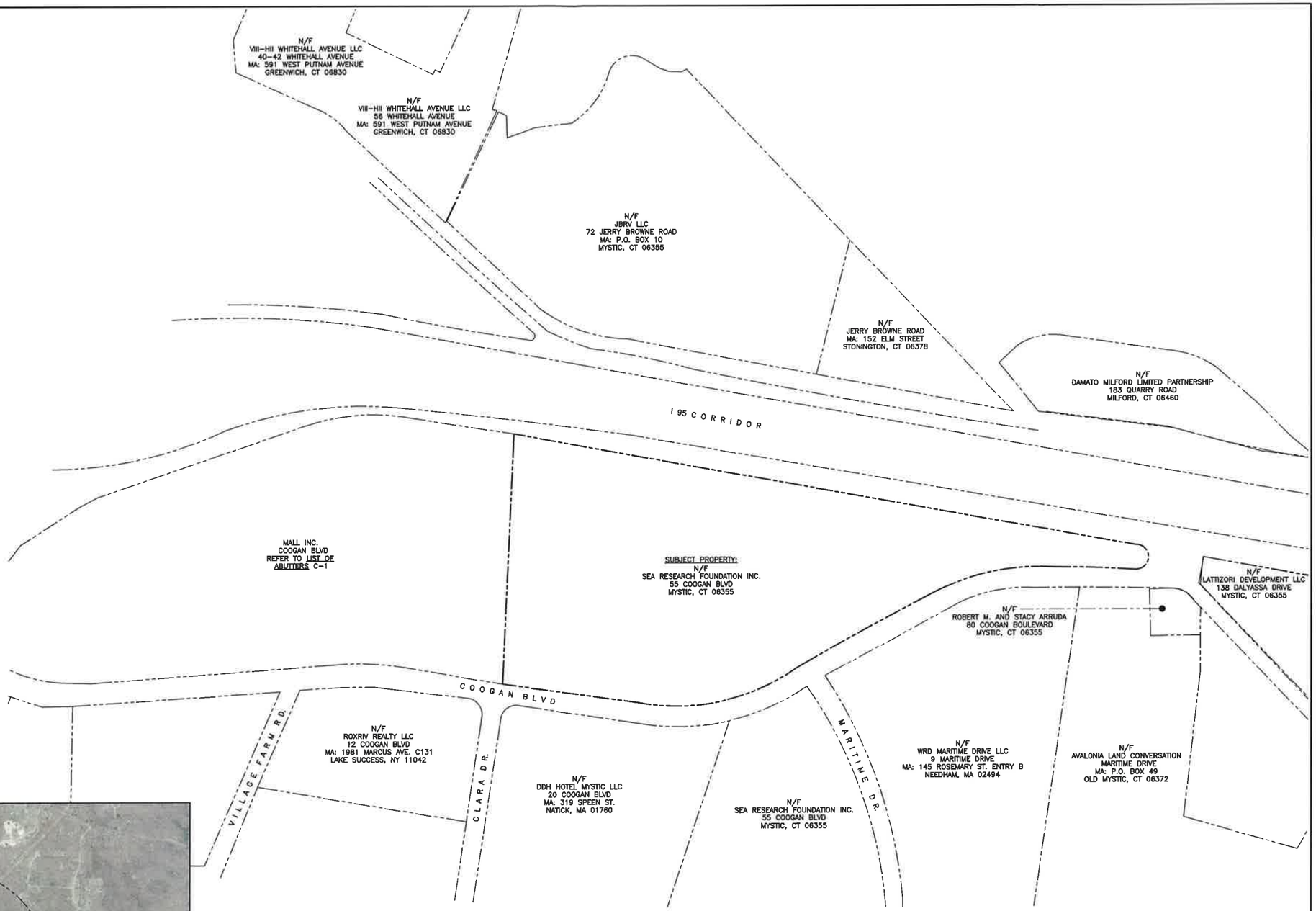
N/F
MALL INC.
COOGAN BLVD 13
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 12A&B
MA: P.O. BOX 176
MYSTIC, CT 06355

N/F
MALL INC.
COOGAN BLVD 19A
MA: P.O. BOX 176
MYSTIC, CT 06355



MUNICIPALITY NOTIFICATION LIMIT MAP



1 / C-1 ABUTTERS MAP
SCALE: 1" = 30'

APPROXIMATE NORTH

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

REV.	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
1	06/11/15	DRA	DMD	ISSUED FOR CSC
0	06/09/15	DRA	DMD	ISSUED FOR CSC-CLIENT REVIEW

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MYSTIC 3 SC

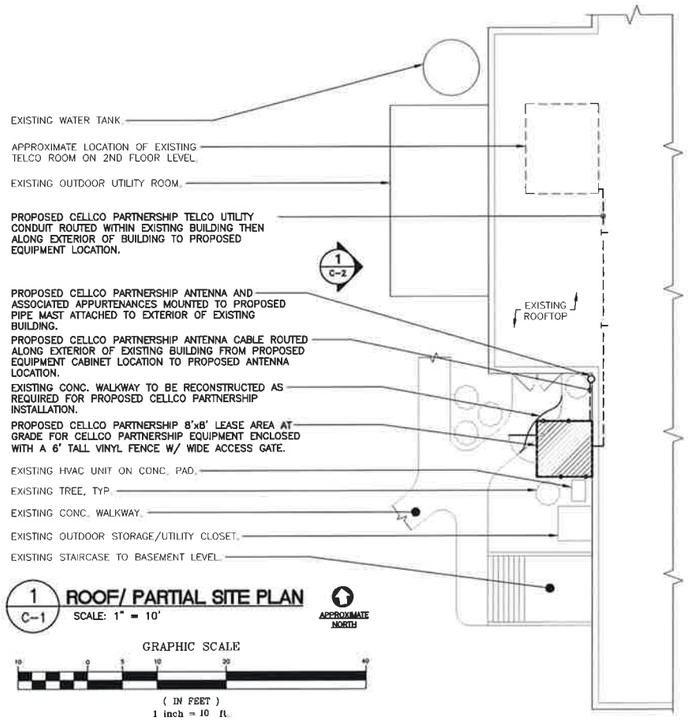
55 COOGAN BLVD
MYSTIC, CT 06355

DATE: 04/24/15
SCALE: AS NOTED
JOB NO. 15018.000

ABUTTERS MAP

C-1

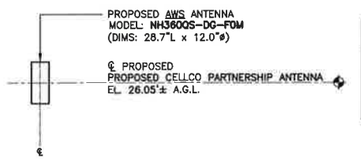
Sheet No. 2 of 3



1 C-1 **ROOF/ PARTIAL SITE PLAN**
SCALE: 1" = 10'

APPROXIMATE NORTH

GRAPHIC SCALE
10 0 5 10 20 40
(IN FEET)
1 inch = 10 ft.



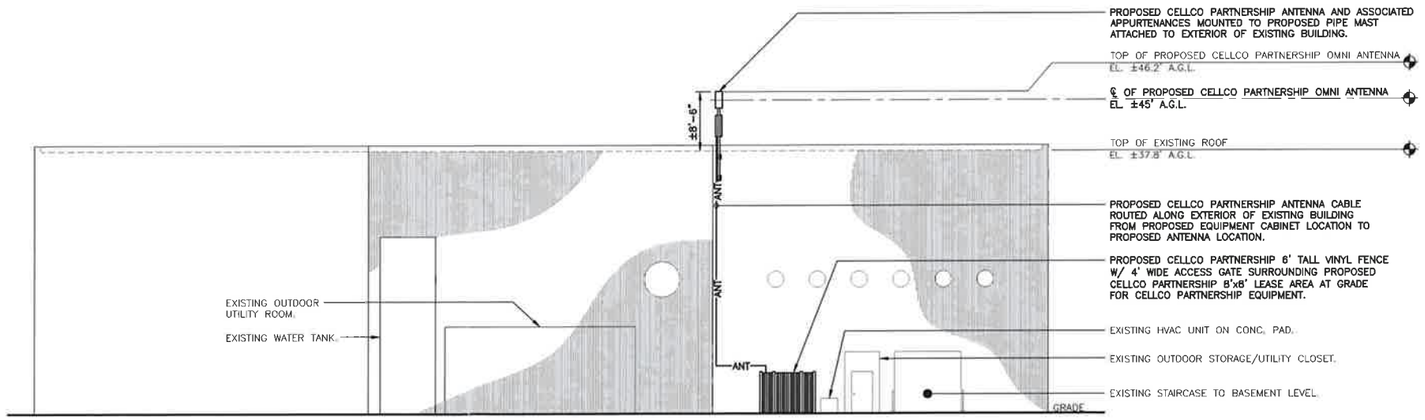
RRH/DISTRIBUTION BOX MOUNTING NOTE

- AWS RRH (MODEL: ALU RRH2x60-AWS (DIMS: 36.7" L x 10.6" W x 5.8" D) (TYP. OF 1)

ANTENNA AND RRH MOUNTED TO PROPOSED PIPE MAST ATTACHED TO EXTERIOR OF EXISTING BUILDING.

3 C-2 **TYP. ANTENNA MOUNTING CONFIGURATION**
NOT TO SCALE

HEIGHTS SHOWN HEREIN ARE REFERENCED FROM FAA 1-A SURVEY CERTIFICATION AS PREPARED FOR VERIZON WIRELESS, BY MARTINEZ COUCH AND ASSOCIATES L.L.C., DATED MARCH 04, 2015.



1 C-2 **WEST ELEVATION**
SCALE: 1" = 10'

GRAPHIC SCALE
10 0 5 10 20 40
(IN FEET)
1 inch = 10 ft.

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ROOF PLAN ELEVATION & ANTENNA CONFIG.

C-2
Sheet No. 3 of 3

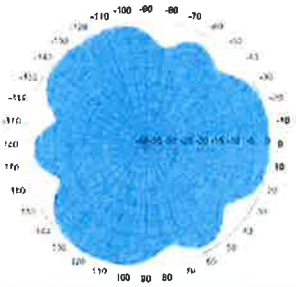
ATTACHMENT 4

COMMSCOPE®

verizonwireless

Metro Cell Antennas with Internal Diplexer and GPS Antenna

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



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

ALCATEL-LUCENT WIRELESS PRODUCT DATASHEET

RRH2x60-AWS LTE BAND 4 APPLICATION

The Alcatel-Lucent RRH2x60-AWS is a high power, small form factor Remote Radio Head operating in the AWS frequency band (3GPP Band 4) for LTE technology. It is designed with an eco-efficient approach, providing operators with the means to achieve high quality and high capacity coverage with minimum site requirements and efficient operation.

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

The Alcatel-Lucent RRH2x60-AWS is linked to the BBU by an optical-fiber connection carrying downlink and uplink digital radio signals along with operations, administration and maintenance (OA&M) information.

The Alcatel-Lucent RRH2x60-AWS integrates all the latest technologies. This allows to offer best-in-class characteristics.

It delivers an outstanding 120 watts of total RF power thanks to its two transmit RF paths of 60 W each.

It is ideally suited to support multiple-input multiple-output (MIMO) 2x2 operation.

It includes four RF receivers to natively support 4-way uplink reception diversity. This improves the radio uplink coverage and this can be used to extend the cell radius commensurate with 2x2MIMO 2x60 W for the downlink.

It supports multiple discontinuous LTE carriers within an instantaneous bandwidth of 45 MHz corresponding to the entire AWS B4 spectrum.

The latest generation power amplifiers (PA) used in this product achieve high efficiency (>40%), resulting in improved power consumption figures.

The Alcatel-Lucent RRH2x60-AWS is designed to make available all the benefits of a distributed Node B, with excellent RF characteristics, with low capital expenditures (CAPEX) and low operating expenditures (OPEX).

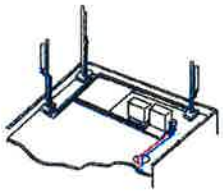
The Alcatel-Lucent RRH2x60-AWS is a very cost-effective solution to deploy LTE MIMO.

The RRH2x60-AWS includes a reversible mounting bracket which allows for ease of installation behind an antenna, or on a rooftop knee wall while providing easy access to the mid body RF connectors.

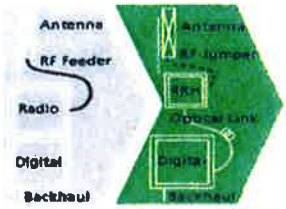
The limited space available in some sites may prevent the installation of traditional single-cabinet BTS equipment. However, many of these sites can host an Alcatel-Lucent RRH2x60-AWS installation, providing more flexible site selection and improved network quality along with greatly reduced installation time and costs.

The Alcatel-Lucent RRH2x60-AWS is a zero-footprint solution and is convection cooled without fans for silent operation, simplifying negotiations with site property owners and minimizing environmental impacts.

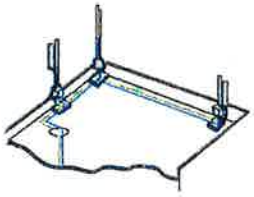
Installation can easily be done by a single person as the Alcatel-Lucent RRH2x60-AWS is compact and weighs about 20 kg, eliminating the need for a crane to hoist the BTS cabinet to the rooftop. A site can be in operation in less than one day.



Macro



RRH for space-constrained cell sites



Distributed

- RRH2x60-AWS integrates two power amplifiers of 60W rating (at each antenna connector)
- Support multiple carriers over the entire 3GPP band 4
- RRH2x60-AWS is optimized for LTE operation
- RRH2x60-AWS is a very compact and lightweight product
- Advanced power management techniques are embedded to provide power savings, such as PA bias control
- MIMO LTE operation with only one single unit per sector
- Improved uplink coverage with built-in 4-way receive diversity capability
- RRH can be mounted close to the antenna, eliminating nearly all losses in RF cables and thus reducing power consumption by 50% compared to conventional solutions
- Distributed configurations provide easily deployable and cost-effective solutions, near zero footprint and silent solutions, with minimum impact on the neighborhood, which ease the deployment
- RETA and TMA support without additional hardware thanks to the AISG v2.0 port and the integrated Bias-Tees. Bias-Tees support AISG DC supply and signaling.

Specifications listed are hardware capabilities. Some capabilities depend on support in a specific software release or future release.

Dimensions and weights
- HxWxD : 510x285x186mm (27 l with solar shield)
- Weight : 20 kg (44 lbs)

Electrical Data
- Power Supply : -48V DC (-40.5 to -57V)
- Power Consumption (ETSI average traffic load reference) : 250W @2x60W

RF Characteristics
- Frequency band: 1710-1755, UL / 2110-2155 MHz, DL (3GPP band 4)
- Output power: 2x60W at antenna connectors
- Technology supported: LTE
- Instantaneous bandwidth: 45 MHz
- Rx diversity: 2-way and 4-way uplink reception
- Typical sensitivity without Rx diversity: -105 dBm for LTE

Connectivity
- Two CPRI optical ports for daisychaining and up to six RRHs per fiber
- Type of optical fiber: Single-Mode (SM) and Multi-Mode (MM) SFPs
- Optical fiber length: up to 500m using MM fiber, up to 20km using SM fiber
- TMA/RETA : AISG 2.0 (RS485 connector and internal Bias-Tee)
- Six external alarms
- Surge protection for all external ports (DC and RF)

Environmental specifications
- Operating temperature: -40°C to 55°C including solar load
- Operating relative humidity: 8% to 100%
- Environmental Conditions : ETS 300 019-1-4 class 4.1E
- Ingress Protection : IEC 60529 IP65
- Acoustic Noise : Noiseless (natural convection cooling)

Safety and Regulatory Data
- EMC : 3GPP 25113, EN 301 489-1, EN 301 489-23, GR 1089, GR 3108, OET-65
- Safety : IEC60950-1, EN 60825-1, UL, ANSI/NFPA 70, CAN/CSA-C22.2
- Regulatory : FCC Part 15 Class B, CE Mark – European Directive : 2002/95/EC (ROHS); 2002/96/EC (WEEE); 1999/5/EC (R&TTE)
- Health : EN 50385

Alcatel·Lucent

AT THE SPEED OF IDEAS™

ATTACHMENT 5

Limited Visual Assessment and Photo-Simulations

MYSTIC 3 SC CT
55 COOGAN BLVD
MYSTIC, CT 06355

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

Prepared for Verizon Wireless

ALL-POINTS
TECHNOLOGY CORPORATION

LIMITED VISUAL ASSESSMENT & PHOTO-SIMULATIONS

At the request of Cellco partnership LLC d/b/a Verizon Wireless, All-Points Technology Corporation, P.C. ("APT") completed a limited visual assessment and prepared computer-generated photo-simulations depicting the proposed installation of a small cell wireless telecommunications Facility at 55 Coogan Boulevard in Mystic, Connecticut (the "Property").

Project Setting

The Property is located immediately south of Interstate 95 in a commercially developed area. The Property is occupied the Mystic Aquarium. The proposed Facility would include the installation of a pipe-mast mounted antenna affixed to the west side of the building. The antenna would rise approximately 8.5 feet above the existing roof line and about 45 feet above existing grade. A remote radio head would also be affixed to the pipe mast, below the antenna. Associated ground equipment would be located at ground level beneath the mast and antenna within an 8-foot by 8-foot fence enclosure.

Methodology

On April 25, 2015, APT personnel conducted a field reconnaissance to photo-document existing conditions. Four (4) nearby locations were selected to represent where the existing building is visible and depict proposed conditions with the proposed small cell installation. At each photo location, the geographic coordinates of the camera's position were logged using global positioning system ("GPS") technology. Photographs were taken with a Canon EOS 6D digital camera body and Canon EF 24 to 105 millimeter ("mm") zoom lens, with lens set to 50 mm.

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

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

---

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

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

Conclusions

The visibility of the proposed small cell installation would be limited primarily to nearby locations from an adjacent parking area to the west. Existing utility infrastructure can be seen today from these vantage points. The west side of the building where the installation is planned can only be accessed via a service entrance off Clara Drive, so people visiting the aquarium will not have direct views of the antenna. The ground equipment's placement behind existing landscaping and within a fenced enclosure would render it invisible from exterior locations and this area would look no different than it does currently. Based on the results of this assessment, it is APT's opinion that the proposed installation of Verizon Wireless equipment at the Property would not have a significant impact on aesthetics in the area.

Limitations

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

ATTACHMENTS

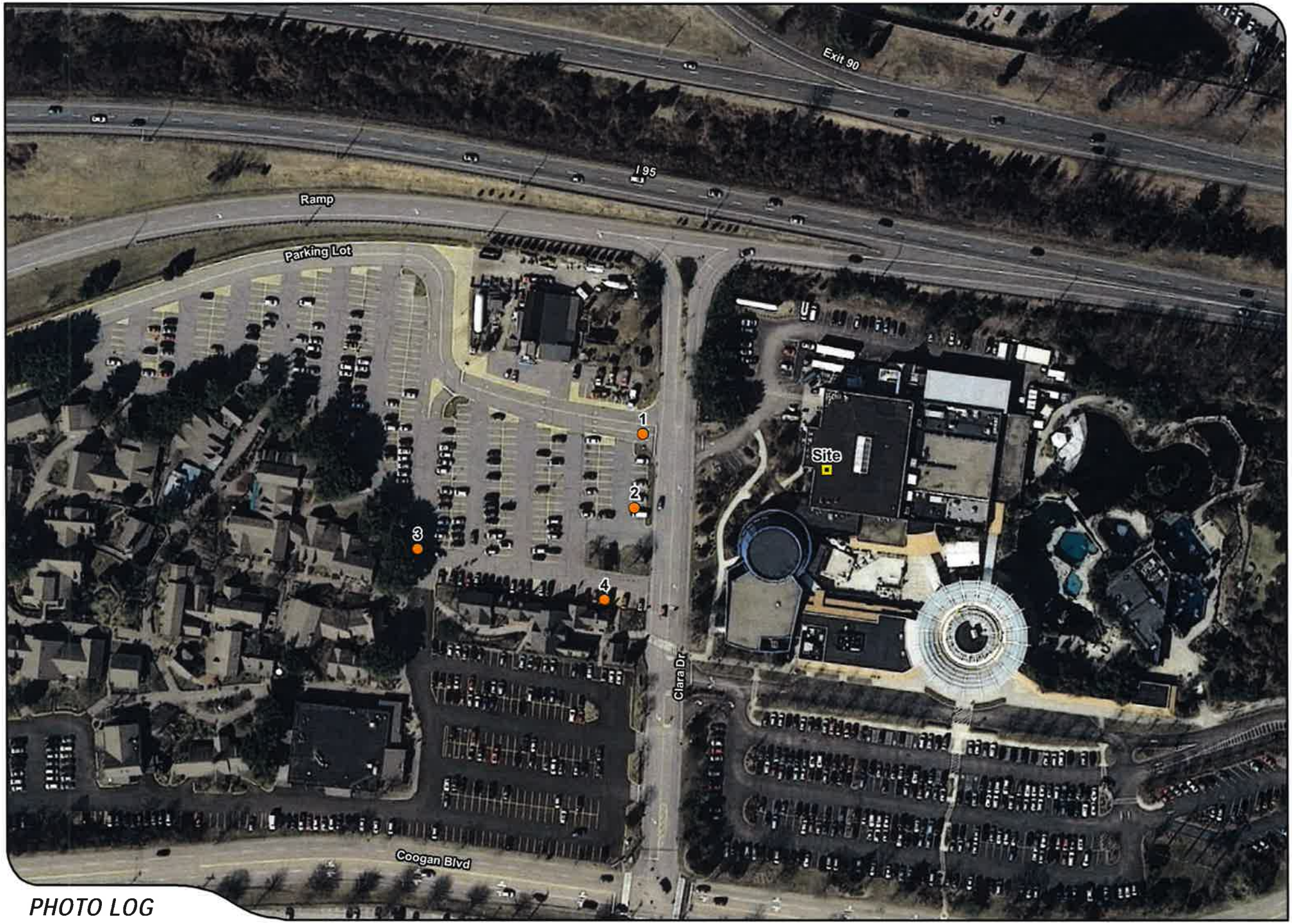


PHOTO LOG

Legend

Photo Location Site

N W E S

150 75 0 150 Feet

1 inch = 150 feet

ALL-POINTS

verizon

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
1	**QUEEN'S CHAPEL ROAD AT CLARA DRIVE**	**SOUTHEAST**	**+/- 220 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
1	**QUEEN'S CHAPEL ROAD AT CLARA DRIVE**	**SOUTHEAST**	**+/- 220 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
1	**QUEEN'S CHAPEL ROAD AT CLARA DRIVE**	**SOUTHEAST**	**+/- 220 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
2	**CLARA DRIVE**	**NORTHEAST**	**+/- 228 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
2	**CLARA DRIVE**	**NORTHEAST**	**+/- 228 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
2	**CLARA DRIVE**	**NORTHEAST**	**+/- 228 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
3	**PARKING LOT**	**NORTHEAST**	**+/- 500 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
3	**PARKING LOT**	**NORTHEAST**	**+/- 500 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
3	**PARKING LOT**	**NORTHEAST**	**+/- 500 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

EXISTING

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
4	**PARKING LOT**	**NORTHEAST**	**+/- 304 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
4	**PARKING LOT**	**NORTHEAST**	**+/- 304 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon wireless

PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE
4	**PARKING LOT**	**NORTHEAST**	**+/- 304 FEET**

ALL-POINTS TECHNOLOGY CORPORATION

verizon

ATTACHMENT 6

Site Name: MYSTIC 3 SMALL CELL, 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	0	0	0	1	0.0000	1.0	0.00%
VZW Cellular	869	0	0	0	1	0.0000	0.579333333	0.00%
VZW AWS	2145	1	276	276	44	0.0513	1.0	5.13%
VZW 700	746	0	0	0	1	0.0000	0.497333333	0.00%

Total Percentage of Maximum Permissible Exposure 5.13%

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

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

Absolute worst case maximum values used.

ATTACHMENT 7

MYSTIC_3_SMALL_CELL_CT.txt

****
* Federal Airways & Airspace *
* Summary Report: Existing Structure *
* Antenna Structure *
****

Airspace User: Your Name

File: MYSTIC_3_SMALL_CELL_CT

Location: Stonington, CT

Latitude: 41°-22'-24.13" Longitude: 71°-57'-13.06"

SITE ELEVATION AMSL.....23 ft.
STRUCTURE HEIGHT.....46 ft.
OVERALL HEIGHT AMSL.....69 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 GON
FAR 77.9: NNR FAR 77.9 IFR Straight-In Notice Criteria for WST
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.

The location and analysis were based upon an existing structure. However, no existing aeronautical study number was identified. If the 'existing' structure penetrates an obstruction surface defined by CFR 77.17, 77.19, 77.21 or 77.23 (see below) it is strongly recommended the FAA be notified of the 'existing' structure to determine obstruction marking or lighting requirements. It is not uncommon for the FAA to issue a Determination of No Hazard (DNH) for an existing structure and modify the airspace to accommodate the structure, should that be required. If the FAA issues a DNH enter the aeronautical study number (ASN) in the space provided on the Airspace Analysis Window Form and re-run Airspace.

The below analysis reflects the aeronautical conditions that exist as of the date stamped on this analysis.

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: GON: GROTON-NEW LONDON
Type: A RD: 26759.32 RE: 6.4
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: WST: WESTERLY STATE
Type: A RD: 40551.85 RE: 51.1
FAR 77.17(a)(1): DNE
FAR 77.17(a)(2): DNE - Greater Than 5.99 NM.
VFR Horizontal Surface: DNE
VFR Conical Surface: DNE
VFR Approach Slope: DNE
VFR Transitional Slope: DNE

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

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

PRIVATE LANDING FACILITIES

FACIL IDENT	TYP	NAME	BEARING To FACIL	RANGE IN NM	DELTA ARP ELEVATION	FAA IFR
CT80	AIR	STONINGTON AIRPARK	117.13	3.44	+62	
No Impact to VFR Transitional Surface. Below surface height of 244 ft above ARP.						
69CT	HEL	THE SHORE	209.09	3.66	+58	
No Impact to Private Landing Facility Structure is beyond notice limit by 17239 feet.						
CT48	AIR	WYCHWOOD FIELD	18.63	4.01	-247	
No Impact to VFr Transitional Surface. Below surface height of 301 ft above ARP.						
RI23	HEL	WESTERLY HOSPITAL	96.38	5.91	-51	
No Impact to Private Landing Facility Structure 0 ft below heliport.						

AIR NAVIGATION ELECTRONIC FACILITIES

FAC IDNT	TYPE	ST AT	FREQ	VECTOR	DIST (ft)	DELTA ELEVA	ST	LOCATION	GRND APCH ANGLE	BEAR
GON	LOCALIZER	U	111.3	240.29	26250	+62	CT	RWY 05 GROTON-NEW	.14	48
GON	ATCT	Y	A/G	239.01	29496	-18	CT	GROTON-NEW LONDON	-.03	
GON	VOR/DME	R	110.8	239.85	31214	+60	CT	GROTON	.11	

Alert! Existing Structures Do Not Require Notice based upon IFR. The FAA should take into account and adjusts aircraft minimums and procedures for existing structres. New Construction or Alteration would requre notice unless exempted under Title 14 CFR Part 77.9(e) or FCC/FAA Co-Location policy. Predict within Final Segment of GON: VOR RWY 23

ORW	VOR/DME	I	110.0	349.38	67853	-241	CT	NORWICH	-.2	

SEY	VOR/DME	R	117.8	125.99	128076	-31	RI	SANDY POINT	-.01
PVD	RADAR	Y	2735.	37.41	159635	-507	RI	THEODORE FRANCIS	-.18
HFD	VOR/DME	R	114.9	301.15	189656	-780	CT	HARTFORD	-.24
PVD	VORTAC	R	115.6	48.11	192171	+20	RI	PROVIDENCE	.01
HTO	VORTAC	I	113.6	211.01	193416	+47	NY	HAMPTON	.01
MAD	VOR/DME	R	110.4	263.65	203960	-151	CT	MADISON	-.04

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: WXLM @ 9793 meters.

Airspace® Summary Version 15.3.386

03-27-2015
14:11:39

ATTACHMENT 8

Robinson + Cole

KENNETH C. BALDWIN

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

Also admitted in Massachusetts

June 15, 2015

Via Certificate of Mailing

George Crouse, First Selectman
Town Hall
152 Elm Street
Stonington, CT 06378-1166

Re: **Installation of a Small Cell Telecommunications Facility at 55 Coogan Boulevard, Mystic, Connecticut**

Dear Mr. Crouse:

This firm represents Cellco Partnership d/b/a Verizon Wireless ("Cellco"). Today, Cellco filed a Petition for Declaratory Ruling ("Petition") with the Connecticut Siting Council ("Council") seeking approval to install a "small cell" telecommunications facility at 55 Coogan Boulevard in Mystic (the "Property").

The proposed small cell facility would consist of a small tower mast attached to and extending approximately 8'-6" above the roof of the building. The tower would support a single canister antenna and a remote radio head ("RRH"). Equipment associated with the antennas will be located on the ground on the west side of the building.

A copy of Cellco's Petition is attached for your review, was sent to the Property owner and was mailed to the owners of each abutting parcel.

Robinson+Cole

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

Sincerely,

Kenneth C. Baldwin

KCB/kmd
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

June 15, 2015

Via Certificate of Mailing

Sea Research Foundation Inc.
55 Coogan Boulevard
Mystic, CT 06355

Re: **Installation of a Small Cell Telecommunications Facility at 55 Coogan Boulevard, Mystic, Connecticut**

Dear Sir or Madam:

This firm represents Cellco Partnership d/b/a Verizon Wireless ("Cellco"). Today, Cellco filed a Petition for Declaratory Ruling ("Petition") with the Connecticut Siting Council ("Council") seeking approval to install a "small cell" telecommunications facility at 55 Coogan Boulevard in Mystic (the "Property").

The proposed small cell facility would consist of a small tower mast attached to and extending approximately 8'-6" above the roof of the building. The tower would support a single canister antenna and a remote radio head ("RRH"). Equipment associated with the antennas will be located on the ground on the west side of the building.

A copy of Cellco's Petition is attached for your review, was sent to the Property owner and was mailed to the owners of each abutting parcel.

Robinson + Cole

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

Sincerely,

Kenneth C. Baldwin

KCB/kmd
Attachment

ATTACHMENT 9

KENNETH C. BALDWIN

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

Also admitted in Massachusetts

June 15, 2015

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 "Small Cell" Telecommunications Facility at 55 Coogan Boulevard, Mystic, 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 "small cell" telecommunications facility at 55 Coogan Boulevard in Mystic (the "Property").

The proposed small cell facility would consist of a small tower mast attached to and extending approximately 8'-6" above the roof of the building. The tower would support a single canister antenna and a remote radio head ("RRH"). Equipment associated with the antennas will be located on the ground on the west side of the building. A copy of the Petition is attached for your review.

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

CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS

ABUTTING PROPERTY OWNERS

55 COOGAN BOULEVARD
MYSTIC, CONNECTICUT

	Map/Block/Lot	Property Address	Owner and Mailing Address
1.	164/4/1	12 Coogan Boulevard	RoxRiv Realty LLC 1981 Marcus Avenue, C131 Lake Success, NY 11042
2.	164/4/1A	20 Coogan Boulevard	DDH Hotel Mystic LLC 319 Speen Street Natick, MA 01760
3.	150/1/28	Coogan Boulevard	Sea Research Foundation Inc. 55 Coogan Boulevard Mystic, CT 06355
4.	150/1/28A	9 Maritime Drive	WRD Maritime Drive LLC 145 Rosemary Street, Entry B Needham, MA 02494
5.	150/1/28C	Maritime Drive	Avalonia Land Conservancy Inc. P.O. Box 49 Old Mystic, CT 06372
6.	150/1/27	80 Coogan Drive	Robert M. and Stacy Arruda 80 Coogan Boulevard Mystic, CT 06355
7.	150/2/1P	138 Dalyssa Drive	Lattizori Development LLC 138 Dalyssa Drive Mystic, CT 06355
8.	149/1/51	Deer Ridge Road	Damato Milford Limited Partnership 183 Quarry Road Milford, CT 06460
9.	149/2/1	Jerry Browne Road	Town of Stonington 152 Elm Street Stonington, CT 06378

	Map/Block/Lot	Property Address	Owner and Mailing Address
10.	164/2/3	72 Jerry Browne Road	JBRV LLC P.O. Box 10 Mystic, CT 06355
11.	164/2/2-1	40-42 Whitehall Avenue	VIII - HII – Whitehall Avenue LLC 591 West Putnam Avenue Greenwich, CT 06830
12.	164/2/2-2	56 Whitehall Avenue	VIII - HII – Whitehall Avenue LLC 591 West Putnam Avenue Greenwich, CT 06830
13.	164/3/1-1	Coogan Boulevard 16	Mall Inc. P.O. Box 176 Mystic, CT 06355
14.	164/3/1-2	Coogan Boulevard 28	Mall Inc. P.O. Box 176 Mystic, CT 06355
15.	164/3/1-3	Coogan Boulevard 10	Mall Inc. P.O. Box 176 Mystic, CT 06355
16.	164/3/1-4	Coogan Boulevard Maint.	Mall Inc. P.O. Box 176 Mystic, CT 06355
17.	164/3/1-5	Coogan Boulevard 21	Mall Inc. P.O. Box 176 Mystic, CT 06355
18.	164/3/1-6	Coogan Boulevard 8A-F	Mall Inc. P.O. Box 176 Mystic, CT 06355
19.	164/3/1-7	Coogan Boulevard 7A&B	Mall Inc. P.O. Box 176 Mystic, CT 06355
20.	164/3/1-8	Coogan Boulevard 26A&B	Mall Inc. P.O. Box 176 Mystic, CT 06355

	Map/Block/Lot	Property Address	Owner and Mailing Address
21.	164/3/1-9	Coogan Boulevard	Mall Inc. P.O. Box 176 Mystic, CT 06355
22.	164/3/1-10	Coogan Boulevard 20	Mall Inc. P.O. Box 176 Mystic, CT 06355
23.	164/3/1-11	Coogan Boulevard 24	Mall Inc. P.O. Box 176 Mystic, CT 06355
24.	164/3/1-12	Coogan Boulevard 27A-E	Mall Inc. P.O. Box 176 Mystic, CT 06355
25.	164/3/1-13	Coogan Boulevard 1	Mall Inc. P.O. Box 176 Mystic, CT 06355
26.	164/3/1-14	Coogan Boulevard 8G&H	Mall Inc. P.O. Box 176 Mystic, CT 06355
27.	164/3/1-15	Coogan Boulevard 18	Mall Inc. P.O. Box 176 Mystic, CT 06355
28.	164/3/1-16	Coogan Boulevard 2	Mall Inc. P.O. Box 176 Mystic, CT 06355
29.	164/3/1-17	Coogan Boulevard 19B	Mall Inc. P.O. Box 176 Mystic, CT 06355
30.	164/3/1-18	Coogan Boulevard 4A-C	Mall Inc. P.O. Box 176 Mystic, CT 06355
31.	164/3/1-19	Coogan Boulevard 6	Mall Inc. P.O. Box 176 Mystic, CT 06355

	Map/Block/Lot	Property Address	Owner and Mailing Address
32.	164/3/1-20	Coogan Boulevard 22	Mall Inc. P.O. Box 176 Mystic, CT 06355
33.	164/3/1-21	Coogan Boulevard 3B	Mall Inc. P.O. Box 176 Mystic, CT 06355
34.	164/3/1-22	Coogan Boulevard 23	Mall Inc. P.O. Box 176 Mystic, CT 06355
35.	164/3/1-23	Coogan Boulevard 15A-C	Mall Inc. P.O. Box 176 Mystic, CT 06355
36.	164/3/1-24	Coogan Boulevard 3A	Mall Inc. P.O. Box 176 Mystic, CT 06355
37.	164/3/1-25	Coogan Boulevard #RSTRM	Mall Inc. P.O. Box 176 Mystic, CT 06355
38.	164/3/1-26	Coogan Boulevard 14	Mall Inc. P.O. Box 176 Mystic, CT 06355
39.	164/3/1-27	Coogan Boulevard 9	Mall Inc. P.O. Box 176 Mystic, CT 06355
40.	164/3/1-28	Coogan Boulevard 5	Mall Inc. P.O. Box 176 Mystic, CT 06355
41.	164/3/1-29	Coogan Boulevard 11A&B	Mall Inc. P.O. Box 176 Mystic, CT 06355
42.	164/3/1-30	Coogan Boulevard 17A-C	Mall Inc. P.O. Box 176 Mystic, CT 06355

	Map/Block/Lot	Property Address	Owner and Mailing Address
43.	164/3/1-31	Coogan Boulevard 13	Mall Inc. P.O. Box 176 Mystic, CT 06355
44.	164/3/1-32	Coogan Boulevard 12A&B	Mall Inc. P.O. Box 176 Mystic, CT 06355
45.	164/3/1-33	Coogan Boulevard 19A	Mall Inc. P.O. Box 176 Mystic, CT 06355
46.	STATE ROW		State of Connecticut Department of Transportation 2800 Berlin Turnpike Newington, CT 06111