

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE: :
: :
A PETITION OF CELLCO PARTNERSHIP : PETITION NO. _____
D/B/A VERIZON WIRELESS FOR A :
DECLARATORY RULING ON THE NEED TO :
OBTAIN A SITING COUNCIL CERTIFICATE :
FOR THE INSTALLATION OF A SMALL :
CELL TELECOMMUNICATIONS FACILITY :
AT THE ACES HIGH RV PARK AT 301 :
CHESTERFIELD ROAD, EAST LYME, :
CONNECTICUT : DECEMBER 12, 2014

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 stub tower on the roof of an office and activities building at the Aces High RV Park and Campground at 301 Chesterfield Road (Route 161) in East Lyme, Connecticut (the “Property”). The Property is owned by Three Hundred and One Chesterfield LLC (“Owner”). Cellco has identified this cell site as its “East Lyme SC2 Facility”.

II. Factual Background

The Property is an approximately 94-acre commercial campground surrounded by low

density residential land uses, open space and portions of the Nehantic State Forest. *See Attachment 1 – Site Vicinity and Site Schematic (Aerial Photograph).*

Cellco currently maintains two (2) cell sites within approximately 2.5 miles of the Property. Cellco’s Montville 2 cell site consists of antennas at the 172-foot level on a tower at 45 Fargo Road in Montville. Cellco’s Chesterfield cell site consists of antennas at the 167-foot level on the tower at 41 Beckwith Road in Montville. The Gamma sector antennas at Cellco’s Montville 2 cell site are currently operating at their capacity limits (a/k/a exhausting). The 94 acre Aces High Campground has been identified as data traffic concentration area that contributes to this existing capacity problem. In an effort to resolve this capacity problem and provide customers with improved wireless service in the area, Cellco has proposed to install a small cell facility at the Property.

III. Proposed East Lyme SC2 Facility

Cellco is licensed to provide wireless telecommunications services in the 850 MHz, 1900 MHz, 700 MHz and 2100 MHz frequency ranges in East Lyme and throughout the State of Connecticut. Initially, the proposed East Lyme SC2 Facility described above will provide wireless service in Cellco’s 2100 MHz (AWS) frequency range only. Coverage plots showing Cellco’s 2100 MHz service in East Lyme and the surrounding towns today and the coverage footprint for the proposed East Lyme SC2 Facility are included in Attachment 2.

The proposed East Lyme SC2 Facility would consist of a single canister-type antenna at the top of a small mast structure attached to the roof of the two-story portion of the office and activities building on the Property. The mast and the antenna would extend approximately 4 feet above the peak of the building roof and will be enclosed by a faux stovepipe made of RF transparent material. Equipment associated with the East Lyme SC2 Facility will be located

inside the building in a first floor equipment room. Power and telephone service to the East Lyme SC2 equipment will extend underground, through existing conduit from an existing garage structure on the Property. (See Cellco's Project Plans included in Attachment 3). Specifications for the small cell antenna (Commscope Model NH180QS-DG-F0M) are included in Attachment 4.

IV. Discussion

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

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

1. Physical Environmental Effects

Cellco respectfully submits that the installation of a small mast supporting a single canister-type antenna and the installation of an equipment cabinet inside an existing building on the Property, will not involve a significant alteration in the physical and environmental characteristics of the Property. No ground disturbance of any kind is necessary or proposed as a part of this small cell facility installation.

2. Visual Effects

The installation of a small mast and a canister-type antenna disguised as a faux stovepipe on the roof of the office and activities building at the Property would have minimal visual effects

on the Property or the surrounding area. (See Limited Visual Assessment and Photographic Simulations included in Attachment 5). The visibility of the proposed small cell installation would be limited primarily to locations on the Property in the immediate area of the office and activities building. The smaller scale of the small cell antenna within a faux stovepipe will result in the antenna appearing to be a part of the building's exhaust/ventilation system and as such, would have little effect on existing views.

3. FCC Compliance

Worst-case radio frequency ("RF") emissions from the proposed small cell installation will be 1.44% of the standard adopted by the Federal Communications Commission ("FCC"). Included in Attachment 6 is a worst-case MPE calculation for Celco's East Lyme SC2 Facility.

4. FAA Summary Report

Included in Attachment 7 is a Federal Airways & Airspace Summary Report verifying that the new stub tower/mast and antenna installation on the roof of the office 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 First Selectman, Property Owner and Abutting Landowners

On December 12, 2014, a copy of this Petition was sent to East Lyme's First Selectman, Paul M. Formica and Waterford First Selectman, Daniel M. Steward.¹ A copy of the Petition was also sent to Three Hundred and One Chesterfield LLC, the Owner. Included in Attachment 8 are copies of the letters sent to Mr. Formica, Mr. Steward and the Owner.

¹ The proposed East Lyme SC2 Facility is located within 2,500 feet of the Waterford town boundary.

Notice of Cellco's intent to file this Petition along with a copy of the project plans and photosimulations was sent to the owners of land that abuts the Property. A sample abutter's letter, and the list of those abutting landowners who were sent notice of the filing of this Petition is included in Attachment 9.

V. Conclusion

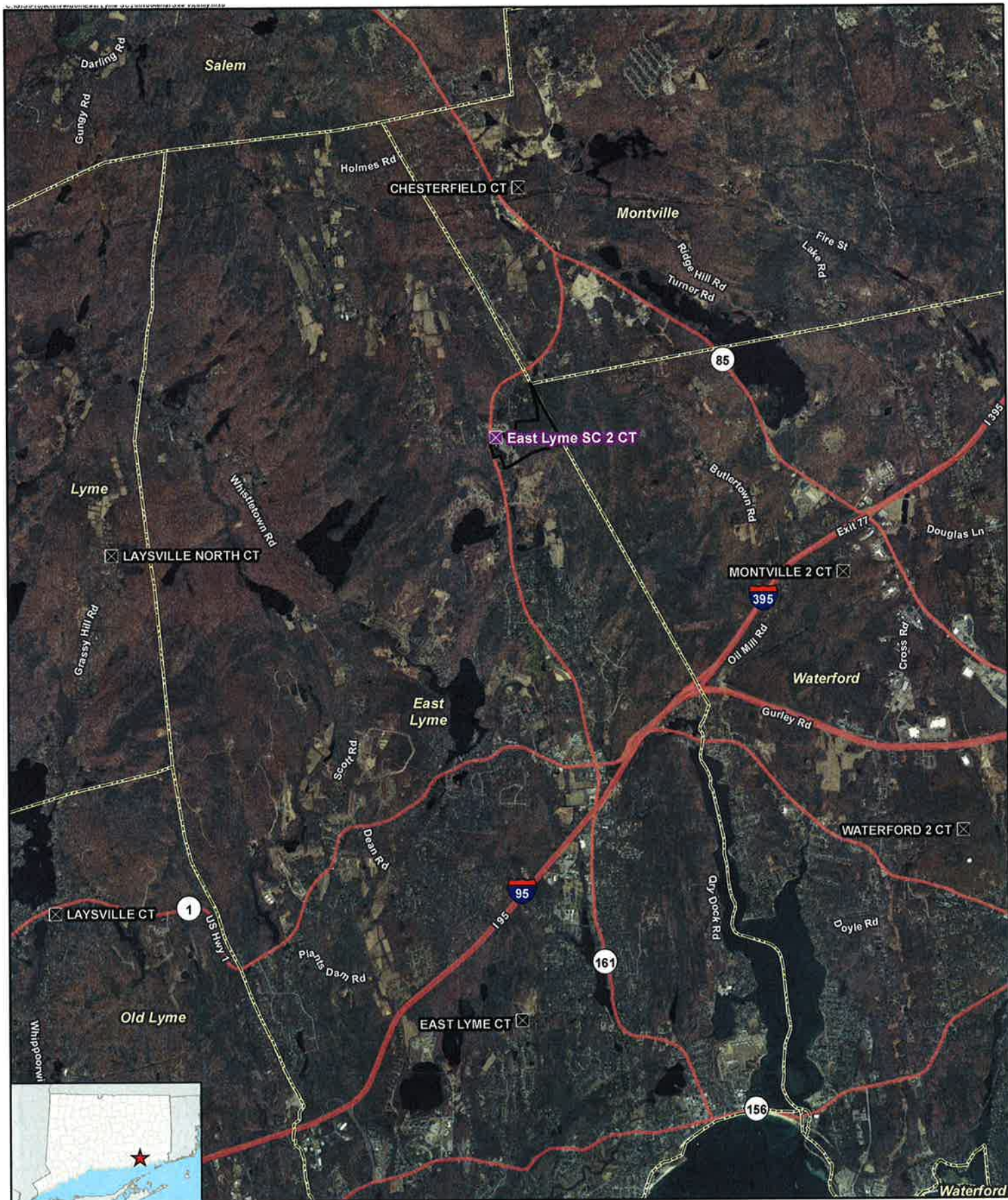
Based on the information provided above, Cellco respectfully requests that the Council issue a determination in the form of a declaratory ruling that the installation of a mast and antenna on the roof of the building at the Property disguised as a stovepipe, will not have a substantial adverse environmental 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

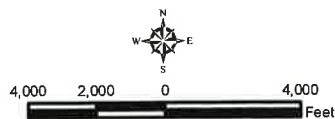
ATTACHMENT 1



Legend

- Surrounding Verizon Wireless Facilities
- Proposed Verizon Wireless Facility
- Subject Property
- Municipal Boundary

Base Map Source: 2012 Aerial Photograph (CTECO)
 Map Date: October 2014



Site Vicinity



Proposed Wireless
 Telecommunications Facility
 East Lyme SC 2 CT
 301 Chesterfield Road
 East Lyme, Connecticut







Chesterfield Rd State Hwy 161

Proposed Verizon Wireless Canister Antenna Inside Stealth Stove Pipe Mounted to Building Exterior

Proposed Verizon Wireless 3'-8"x7' Equipment Area (1st floor)

Legend

-  Proposed Facility Layout
-  Host Property

Site Schematic

Proposed Wireless Telecommunications Facility
 East Lyme SC 2 CT
 301 Chesterfield Road
 East Lyme, Connecticut



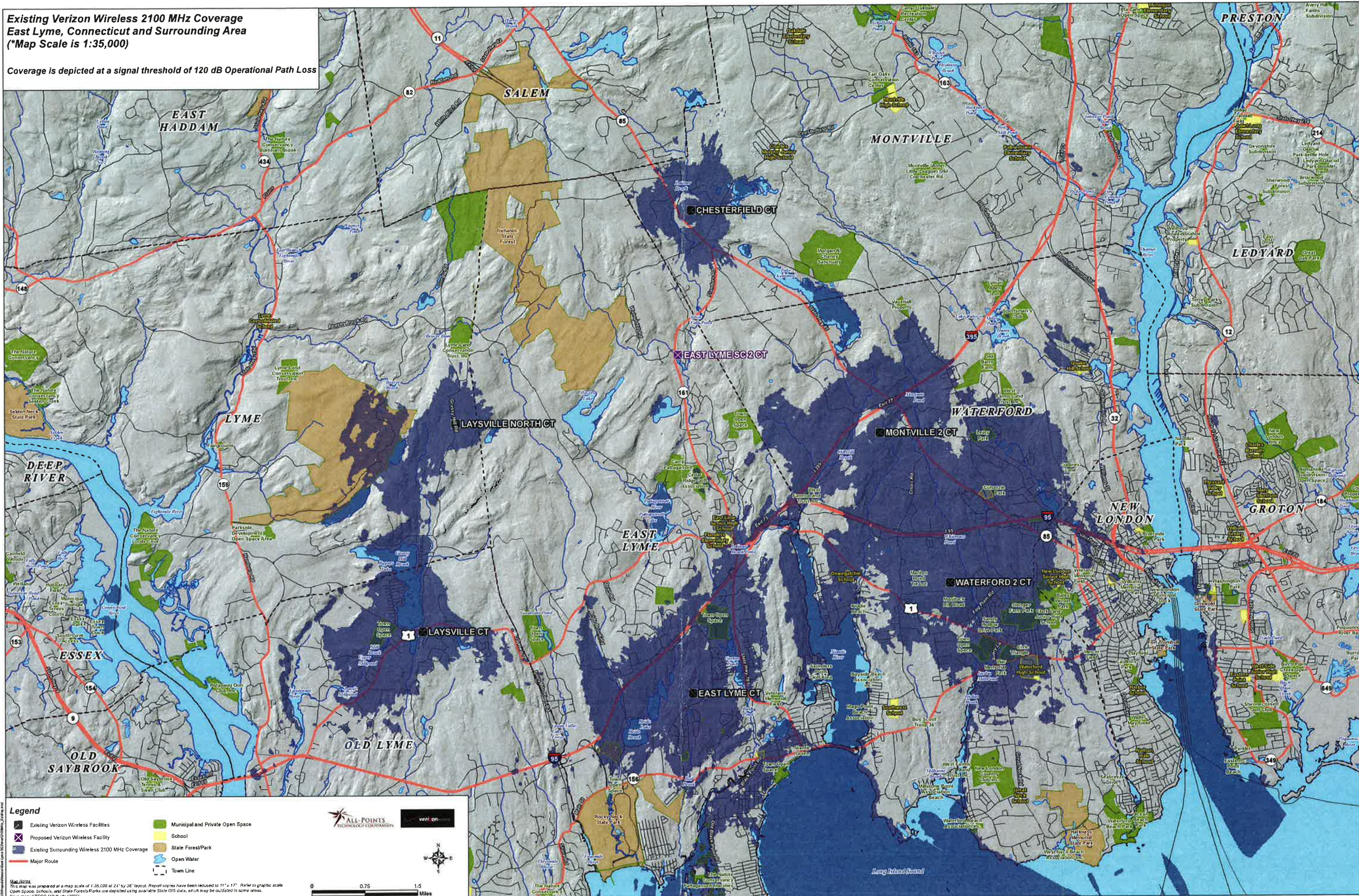
Map Notes:
 Base Map Source: 2012 Aerial Photograph (CTECO)
 Map Date: October 2014



ATTACHMENT 2

**Existing Verizon Wireless 2100 MHz Coverage
East Lyme, Connecticut and Surrounding Area
(*Map Scale is 1:35,000)**

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



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

ALL-POINTS TECHNOLOGY CORPORATION

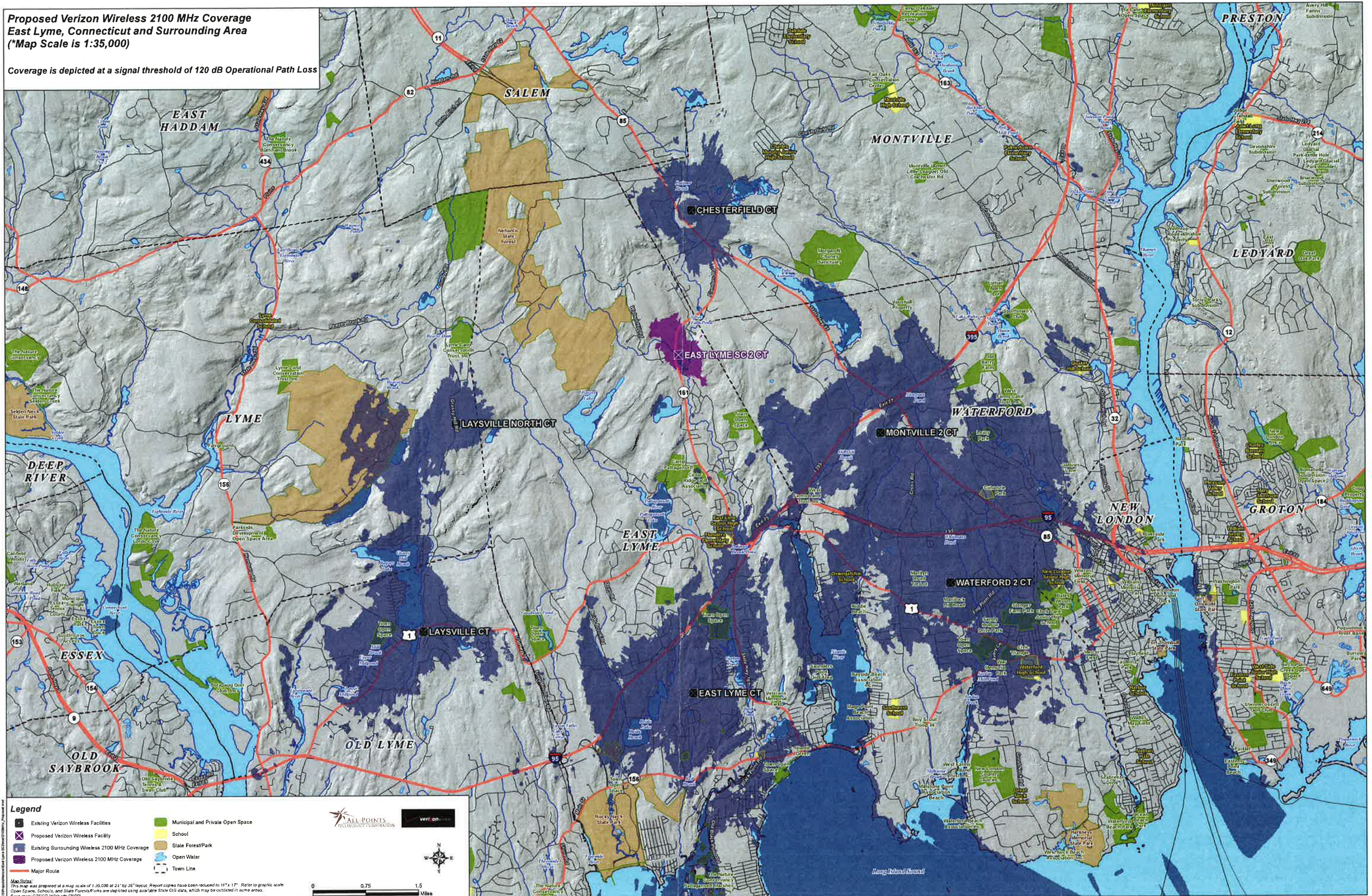
verizon

0 0.75 1.5 Miles

Map Notes:
This map was prepared at a map scale of 1:35,000 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: ©TECO H/W/Scale (2009)

**Proposed Verizon Wireless 2100 MHz Coverage
East Lyme, Connecticut and Surrounding Area
(*Map Scale is 1:35,000)**

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



Legend

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

Scale: This map was prepared at a map scale of 1:35,000 at 24" by 36" layout. Report copies have been reduced to 11" x 17". Refer to graphic scale. Base map: C16CD Hilsdale (2009)

Scale Bar: 0, 0.75, 1.5 Miles

Logos: ALL-POINTS TECHNOLOGY CORPORATION, verizon

ATTACHMENT 3

CELLCO PARTNERSHIP d/b/a **verizon**wireless

PROPOSED WIRELESS FACILITY
SITE NAME: EAST LYME SC 2
301 CHESTERFIELD ROAD,
EAST LYME, CT 06333



DIRECTIONS FROM 99 EAST RIVER DRIVE, EAST HARTFORD, CT:
 TAKE EAST RIVER DR. TURN LEFT ONTO THE CT-2 E RAMP TO NORWICH. MERGE ONTO I-84 E. TAKE EXIT 55 FOR CT-2 E TOWARD NORWICH/NEW LONDON/I-84 E. CONTINUE ONTO CT-2 E. KEEP RIGHT AT THE FORK TO CONTINUE ON CT-11 S. CONTINUE ONTO EXIT 4. TURN LEFT ONTO CT-82 E. AT THE TRAFFIC CIRCLE, TAKE THE 1ST EXIT ONTO CT-85 S. TURN RIGHT ONTO CT-161 S (CHESTERFIELD RD). SITE WILL BE ON THE LEFT.

| |
|---|
| <p>SITE COORDINATES: LATITUDE: N 41°-24'-19.723" LONGITUDE: W 72°-13'-29.492" (BASED ON FAA 1-A SURVEY)</p> <p>ELEVATION DATA GRADE ELEVATION AT BUILDING = 81.8'± A.M.S.L. ELEVATION BASED UPON FAA 1-A SURVEY</p> <p>ELEVATION (TO TOP OF ANTENNA) ELEVATION = 110.5'± A.G.L.</p> <p>ANTENNA ELEVATION (TO TOP OF ANTENNA) ALPHA FACE: 28.7'± A.G.L.</p> <p>ANTENNA ORIENTATION: ALPHA FACE: 50°</p> |
| SITE INFORMATION |

| |
|--|
| <p>SITE NAME: EAST LYME SC 2</p> <p>LOCATION: 301 CHESTERFIELD ROAD, EAST LYME, CT 06333 NEW LONDON COUNTY</p> <p>APPLICANT: CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108</p> <p>APPLICANT CONTACT: SANDY CARTER CELLCO PARTNERSHIP (860) 803-8219</p> |
| PROJECT INFORMATION |

| SHEET NUMBER | DESCRIPTION |
|--------------------|---|
| T-1 | TITLE SHEET |
| C-1 | SITE LOCATION PLAN |
| C-2 | PARTIAL SITE PLAN |
| C-3 | NORTHEAST ELEVATION |
| C-4 | EQUIPMENT ROOM PLAN & ANTENNA MOUNTING DETAIL |
| SHEET INDEX | |

CELLCO PARTNERSHIP
 d/b/a **verizon**wireless

EAST LYME SC 2

| CSC DRAWINGS | | |
|--------------|----------|-------------|
| | | |
| | | |
| | | |
| | | |
| O | 11/10/14 | FOR FILING |
| A | 11/04/14 | FOR COMMENT |

Dewberry
 Dewberry Engineers Inc.
 600 PARSIPPANY ROAD
 SUITE 301
 PARSIPPANY, NJ 07654
 PHONE: 973.738.8400
 FAX: 973.738.8710



DRAWN BY: JC
 REVIEWED BY: BSH
 CHECKED BY: GHN
 PROJECT NUMBER: 50067815
 JOB NUMBER: 50067828

SITE ADDRESS

301 CHESTERFIELD ROAD
 EAST LYME, CT 06333

SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1

CELLCO
PARTNERSHIP
d/b/a **verizon**wireless

EAST LYME SC 2

CSC DRAWINGS

| | | |
|---|----------|-------------|
| | | |
| 0 | 11/10/14 | FOR FILING |
| A | 11/04/14 | FOR COMMENT |

Dewberry

Dewberry Engineers Inc.
600 PARSIPPANY ROAD
SUITE 301
PARSIPPANY, NJ 07054
PHONE: 973.739.9400
FAX: 973.739.9710



DRAWN BY: JC

REVIEWED BY: BSH

CHECKED BY: GHN

PROJECT NUMBER: 50067815

JOB NUMBER: 50067828

SITE ADDRESS

301 CHESTERFIELD ROAD
EAST LYME, CT 06333

SHEET TITLE

SITE LOCATION PLAN

SHEET NUMBER

C-1



CHESTERFIELD ROAD

PROPOSED CENTERLINE
OF ACCESS

Existing Garage

PROPOSED CELLCO PARTNERSHIP
CANISTER ANTENNA CONCEALED
INSIDE STEALTH STOVE PIPE
MOUNTED TO BUILDING EXTERIOR

2
C-4

Existing
Building

1
C-2

Existing Paved
Drive (Typ)

NOTES:

1. NORTH SHOWN AS APPROXIMATE.
2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
3. THESE DRAWINGS ARE PROVIDED FOR SITING COUNCIL REVIEW. CONSTRUCTION LEVEL DRAWINGS WILL BE DEVELOPED SUBSEQUENT TO THE APPROVAL OF THESE DRAWINGS.
4. LOCATION & ORIENTATION OF ALL ANTENNA & EQUIPMENT, & ROUTING OF COAX CABLES PENDING A STRUCTURAL ANALYSIS.
5. CELLCO PARTNERSHIP'S GPS ANTENNA WILL BE INTEGRATED WITH THE CANISTER ANTENNA.
6. GROUND WILL BE TO DRIVEN GROUND ROD OUTSIDE BUILDING AT GRADE.
7. SITE PLAN & ELEVATION BASED ON SITE VISIT BY DEWBERRY ENGINEERS INC. ON 09/18/14.

SITE LOCATION PLAN

SCALE: 1"=40' FOR 11"x17"
1"=20' FOR 22"x34"



1

EAST LYME SC 2

CSC DRAWINGS

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| | | |
| O | 11/10/14 | FOR FILING |
| A | 11/04/14 | FOR COMMENT |



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SITE ADDRESS

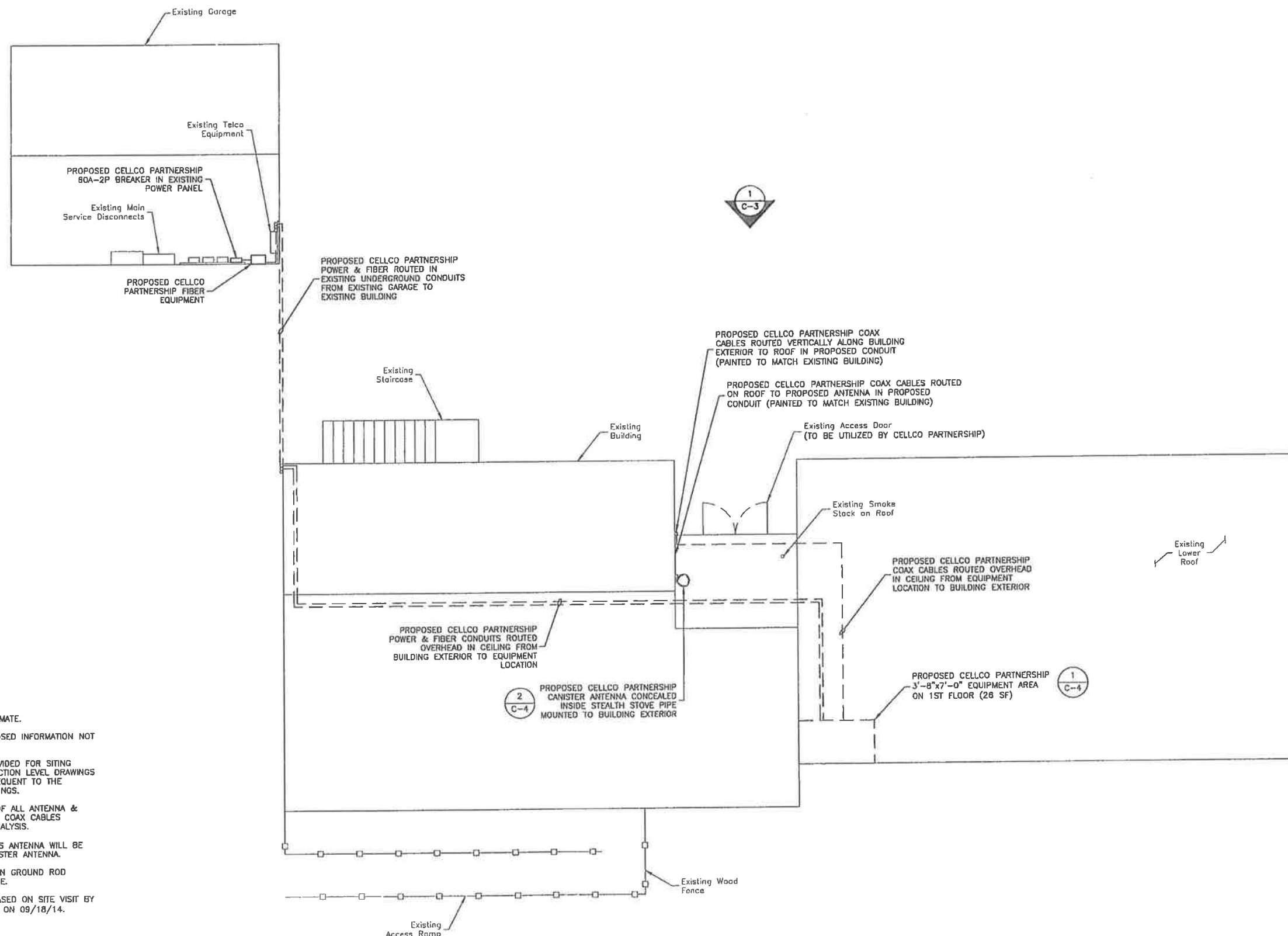
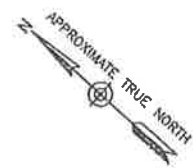
301 CHESTERFIELD ROAD
EAST LYME, CT 06333

SHEET TITLE

PARTIAL SITE PLAN

SHEET NUMBER

C-2



- NOTES:**
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PARTIAL SITE PLAN

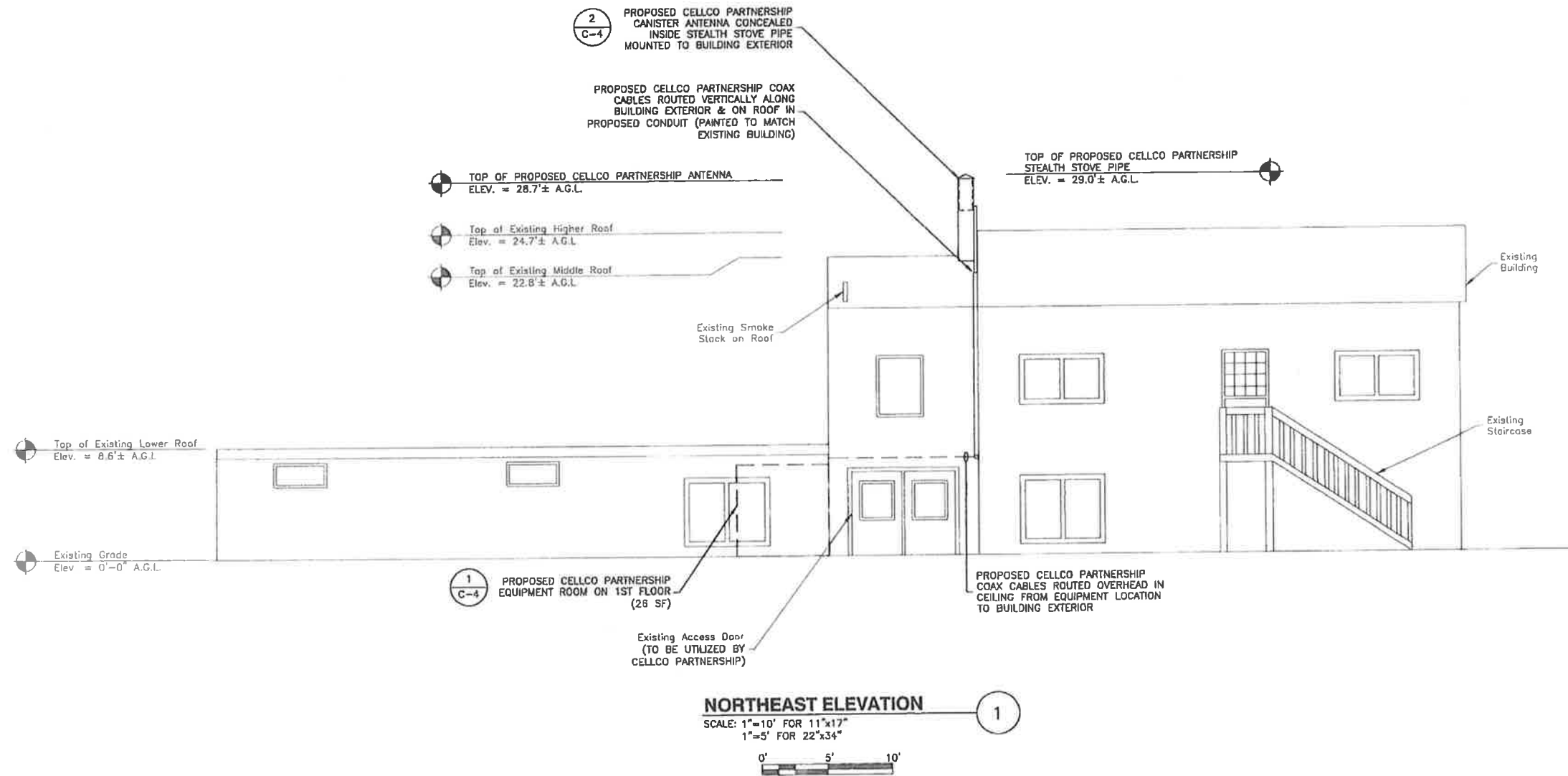
SCALE: 1"=10' FOR 11"x17"
1"=5' FOR 22"x34"



1

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CELLCO
PARTNERSHIP
d/b/a **verizon** wireless

EAST LYME SC 2

| CSC DRAWINGS | | |
|--------------|----------|-------------|
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| 0 | 11/10/14 | FOR FILING |
| A | 11/04/14 | FOR COMMENT |

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DRAWN BY: JC
REVIEWED BY: BSH
CHECKED BY: GHN
PROJECT NUMBER: 50067815
JOB NUMBER: 50067828

SITE ADDRESS

301 CHESTERFIELD ROAD
EAST LYME, CT 06333

SHEET TITLE

NORTHEAST ELEVATION

SHEET NUMBER

C-3

EAST LYME SC 2

CSC DRAWINGS

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| | | |
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| A | 11/04/14 | FOR COMMENT |



Dewberry Engineers Inc.
600 PARSIPPANY ROAD
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DRAWN BY: JC

REVIEWED BY: BSH

CHECKED BY: GHN

PROJECT NUMBER: 50087815

JOB NUMBER: 50087828

SITE ADDRESS

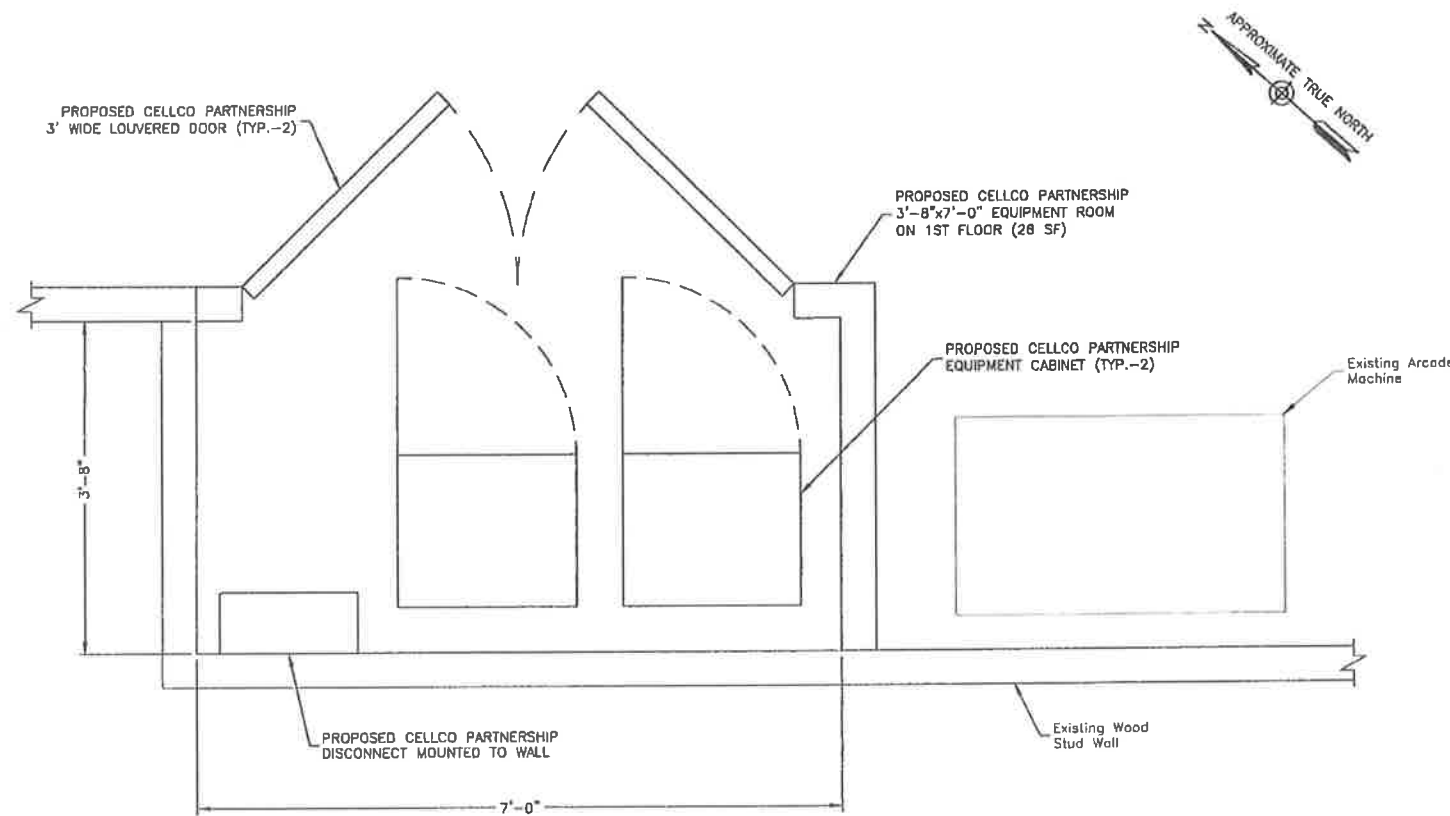
301 CHESTERFIELD ROAD
EAST LYME, CT 06333

SHEET TITLE

EQUIPMENT ROOM PLAN &
ANTENNA MOUNTING DETAIL

SHEET NUMBER

- NOTES:**
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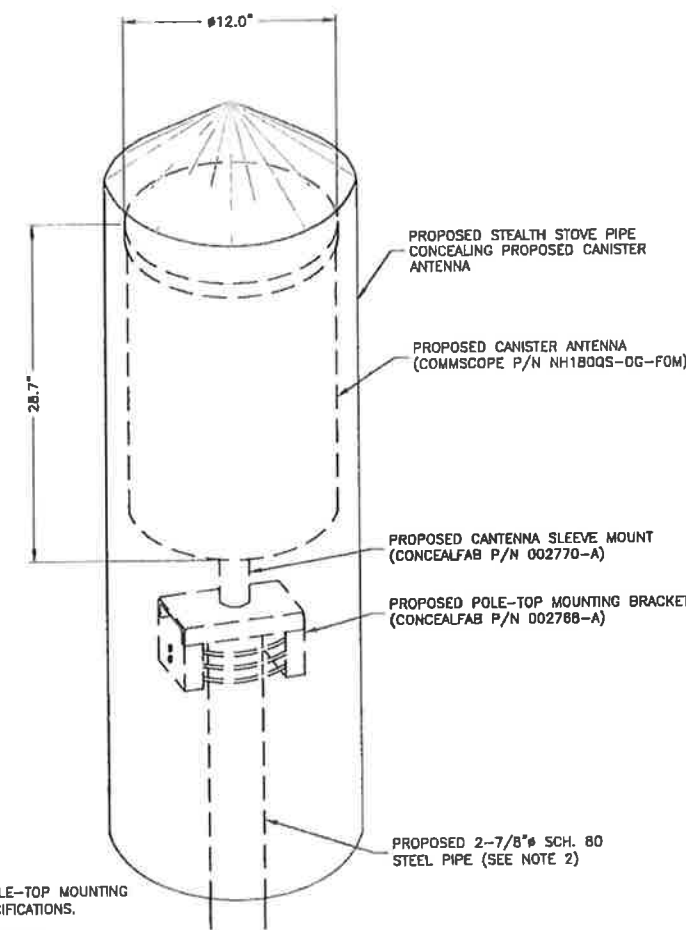


EQUIPMENT ROOM PLAN

SCALE: 1/2"=1' FOR 11"x17"
1"=1' FOR 22"x34"



1



ANTENNA MOUNTING DETAIL

SCALE: N.T.S.

2

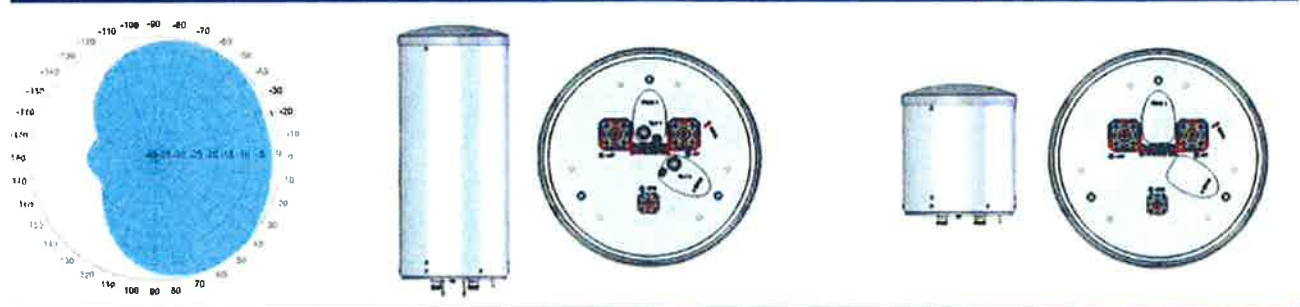
- NOTES:**
1. INSTALL CONCEALFAB UNIVERSAL POLE-TOP MOUNTING SYSTEM PER MANUFACTURER'S SPECIFICATIONS.
 2. FINAL ANTENNA MOUNTING DESIGN PENDING A STRUCTURAL ANALYSIS.

ATTACHMENT 4

Metro Cell Antennas with Internal Diplexer and GPS Antenna

Dualband Half-Omni (180°), Metro Cell Antenna

NH180QS-DG-F0M **NH180QT-DG-F0**



ELECTRICAL SPECIFICATIONS

| Operating Frequency Range | 698 - 896 and 1710 - 2170 MHz | | | | | 698 - 896 and 1710 - 2170 MHz | | | | |
|--------------------------------------|-------------------------------|------------|-------------|-------------|-------------|-------------------------------|------------|-------------|-------------|-------------|
| | 698 - 806 | 806 - 896 | 1710 - 1880 | 1850 - 1990 | 1920 - 2170 | 698 - 806 | 806 - 896 | 1710 - 1880 | 1850 - 1990 | 1920 - 2170 |
| 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 | 6.3 | 7.3 | 10.0 | 10.2 | 10.5 | 3.3 | 4.3 | 5.9 | 6.0 | 6.3 |
| Beamwidth, Horizontal, degrees | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| 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 | -1.50 | -1.50 | -1.50 | -1.50 | -1.50 | -1.50 | -1.50 | 1.50 | -1.50 | -1.50 |
| Input Power per Port, maximum, watts | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |

MECHANICAL SPECIFICATIONS

| | | |
|----------------------------------|--------------------|--------------------|
| Connector Interface | 7 - 16 DIN Female | 7 - 16 DIN Female |
| Connector Quantity, Location | 2, Bottom | 2, Bottom |
| GPS Connector 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) | 17.0 (37.5) | 10.0 (22.0) |

AVAILABILITY

| | | |
|---------------------------------------|------------|-----------|
| Expected Ready Date for Manufacturing | April 2014 | June 2014 |
|---------------------------------------|------------|-----------|

ATTACHMENT 5

Limited Visual Assessments and Photo-Simulations

EAST LYME SC 2
301 CHESTERFIELD ROAD
EAST LYME, CT 06333



Prepared in November 2014 by:
All-Points Technology Corporation, P.C.
3 Saddlebrook Drive
Killingworth, CT 06141

Prepared for Verizon Wireless



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 301 Chesterfield Road in East Lyme, Connecticut (the "Property").

Project Setting

The 93-acre Property is located east of Chesterfield Road (aka State Highway 161) in a rural residential area and is currently developed with an RV Park. The proposed Facility would include the installation of a single canister antenna (concealed within an RF-transparent stove pipe) mounted on an existing building's exterior such that it would extend approximately 4.5 feet above the roof. Associated equipment would be located within the first floor of the building. Electrical and telco cables would exit the equipment room to the building's northeast exterior and extend up to the roof within a conduit painted to match existing conditions).

Methodology

On October 21, 2014, APT personnel conducted a field reconnaissance to photo-document existing conditions. Three locations on the Property were selected to depict existing and proposed conditions. At each photo location, the geographic coordinates of the camera's position were logged using global positioning system ("GPS") technology. Photographs were taken with a Canon EOS 6D digital camera body and Canon EF 24 to 105 millimeter ("mm") zoom lens, with lens set to 50 mm for all but one of the photographs. Photograph 2 was taken using a 35 mm focal length in order to provide a greater depth of field for presentation in this report. Focal lengths ranging from 24 mm to 50 mm approximate views similar to that achieved by the human eye. However, two key aspects of an image can be directly affected by the specific focal length that is selected: field of view and relation of sizes between objects in the frame. A 24mm focal length provides a wider field of view, representative of the extent the human eyes may see (including some peripheral vision), but the relation of sizes between objects at the edges of the photos can become minimally skewed. A 50 mm focal length has a narrower field of view than the human eye but the relation of sizes between objects is represented similar to what the human eye might perceive.

"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

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

When taking photographs for these analyses, APT prefers a focal length of 50 mm; however there are times when wider views (requiring the use of the 35 mm lens setting, in this case) can better reflect “real world” viewing conditions by providing greater context to the scene. Regardless of the lens setting, the scale of the subject in the photograph and corresponding simulation remains proportional to its surroundings.

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 format². A photolog map and copies of the existing conditions and photo-simulations are attached.

Conclusions

The visibility of the proposed installation would be limited primarily to locations on the Property in the immediate area of the building. The combination of the small cell's relatively low profile above the existing roof line (less than 5 feet) and its concealment within a cylindrical faux stove pipe results in the facility appearing to be part of the building's heating exhaust system. Based on the results of this assessment, it is our opinion that the proposed installation of Verizon Wireless equipment at the Property would have little effect on existing views.

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.

ATTACHMENTS

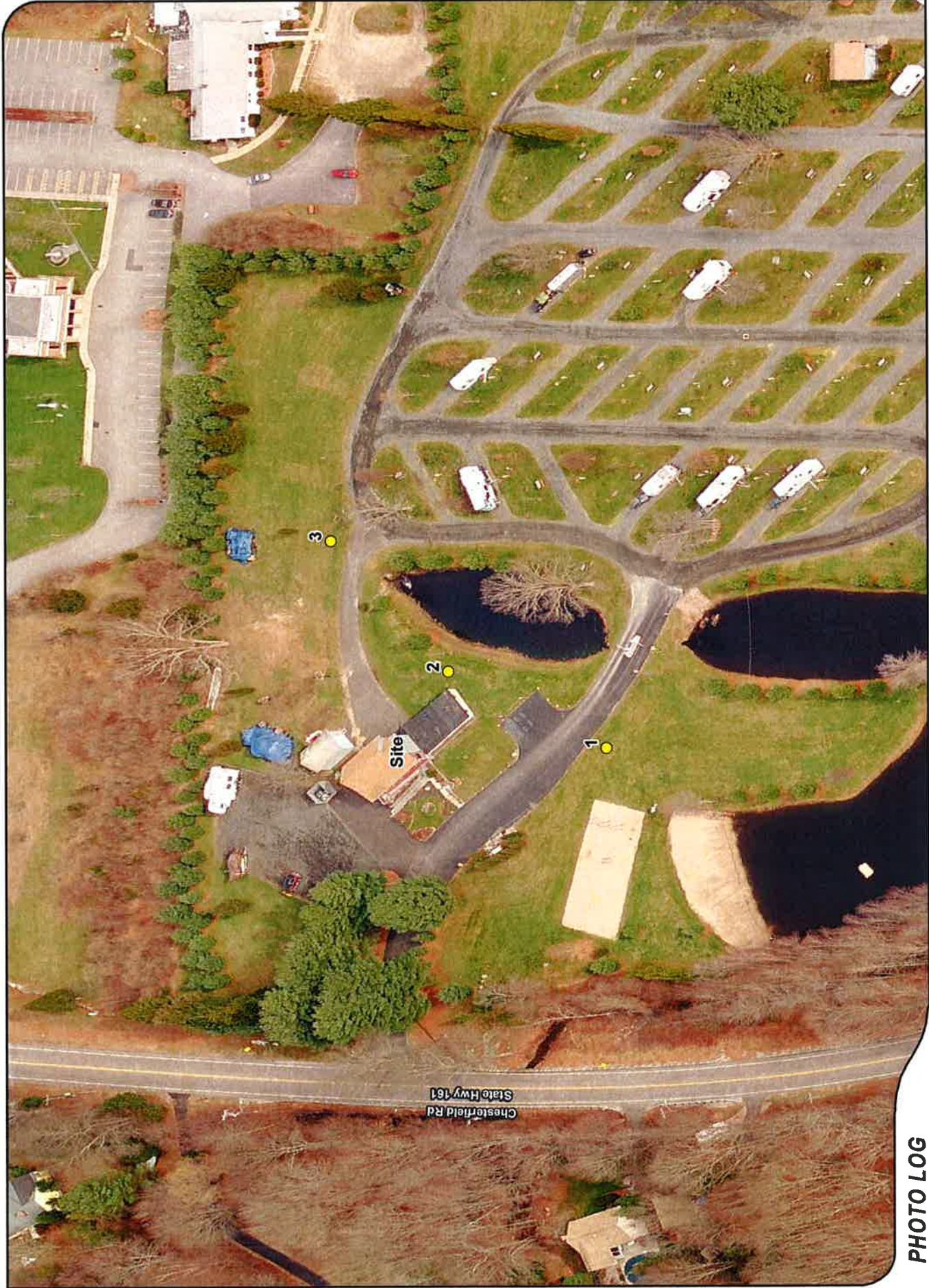


PHOTO LOG

Legend
● Photo Location





EXISTING

PHOTO

1

LOCATION

HOST PROPERTY

ORIENTATION

NORTH

DISTANCE TO SITE

+/- 133 FEET



PROPOSED

PHOTO

1

LOCATION

HOST PROPERTY

ORIENTATION

NORTH

DISTANCE TO SITE

+/- 133 FEET



PROPOSED

PHOTO

1

LOCATION

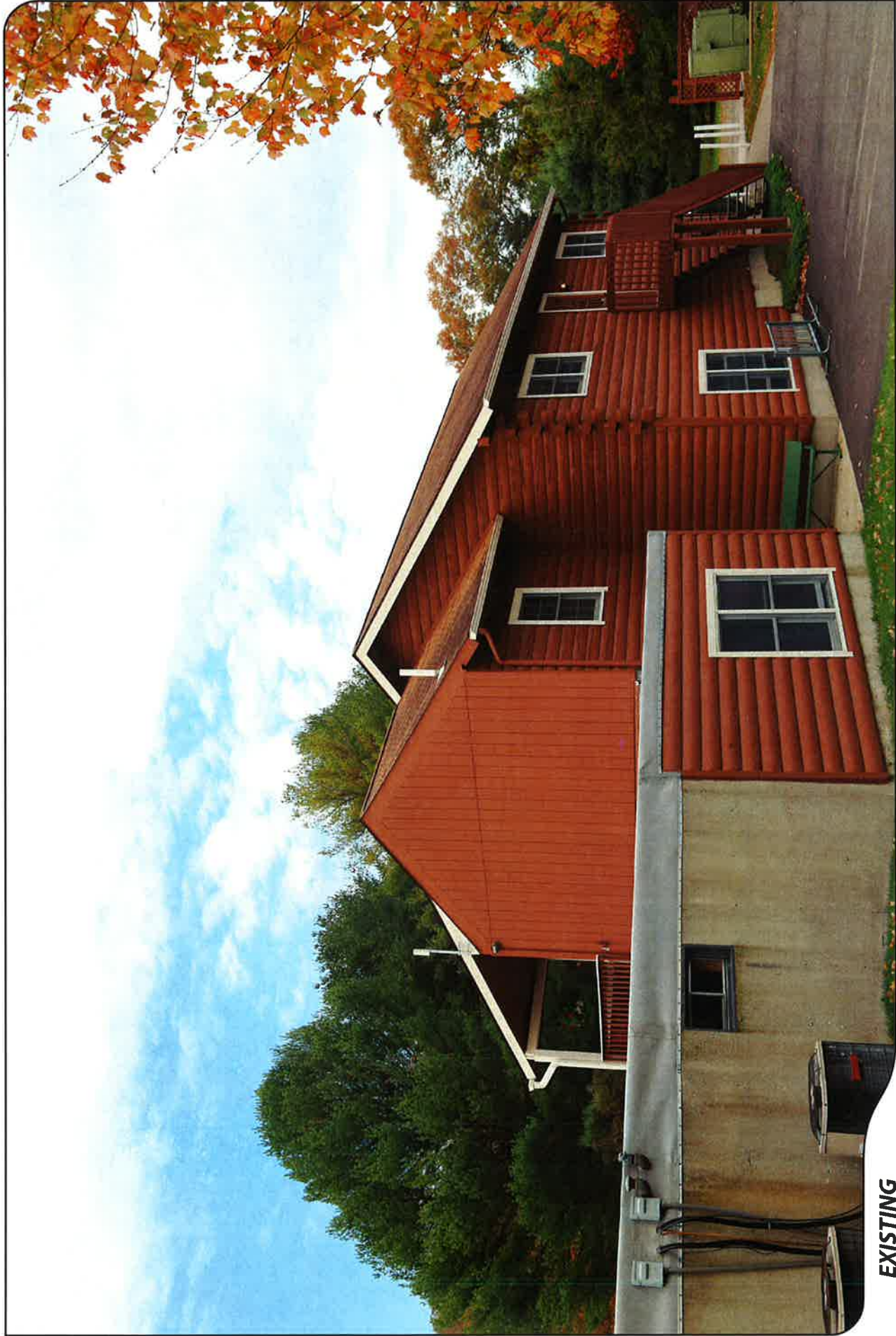
HOST PROPERTY

ORIENTATION

NORTH

DISTANCE TO SITE

+/- 133 FEET



EXISTING

PHOTO

2

LOCATION

HOST PROPERTY (35mm Focal Length)

ORIENTATION

WEST

DISTANCE TO SITE

+/- 43 FEET



PROPOSED

PHOTO

2

LOCATION

HOST PROPERTY (35mm Focal Length)

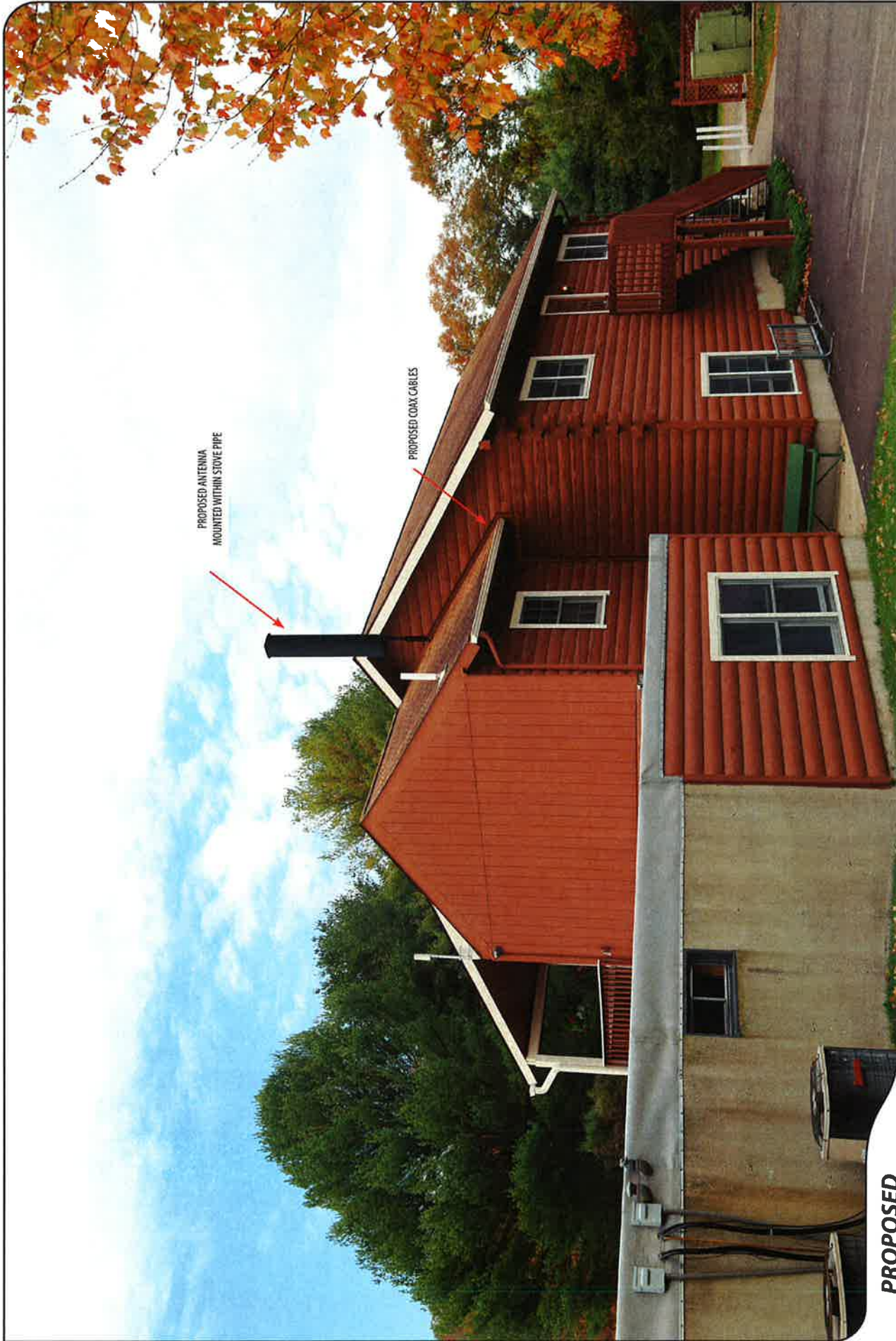
ORIENTATION

WEST

DISTANCE TO SITE

+/- 43 FEET





PROPOSED

PHOTO

2

LOCATION

HOST PROPERTY (35mm Focal Length)

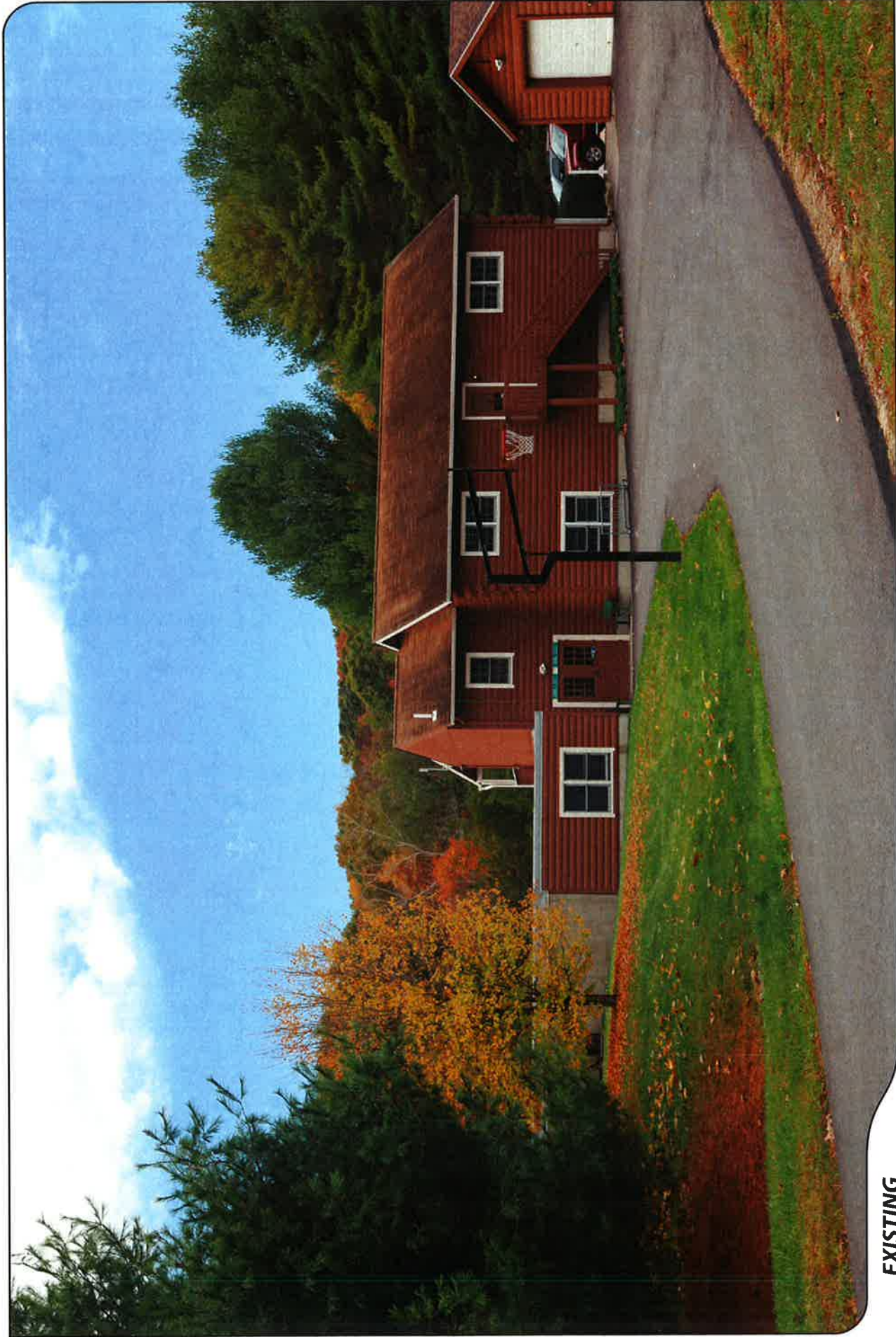
ORIENTATION

WEST

DISTANCE TO SITE

+/- 43 FEET





EXISTING

PHOTO

3

LOCATION

HOST PROPERTY

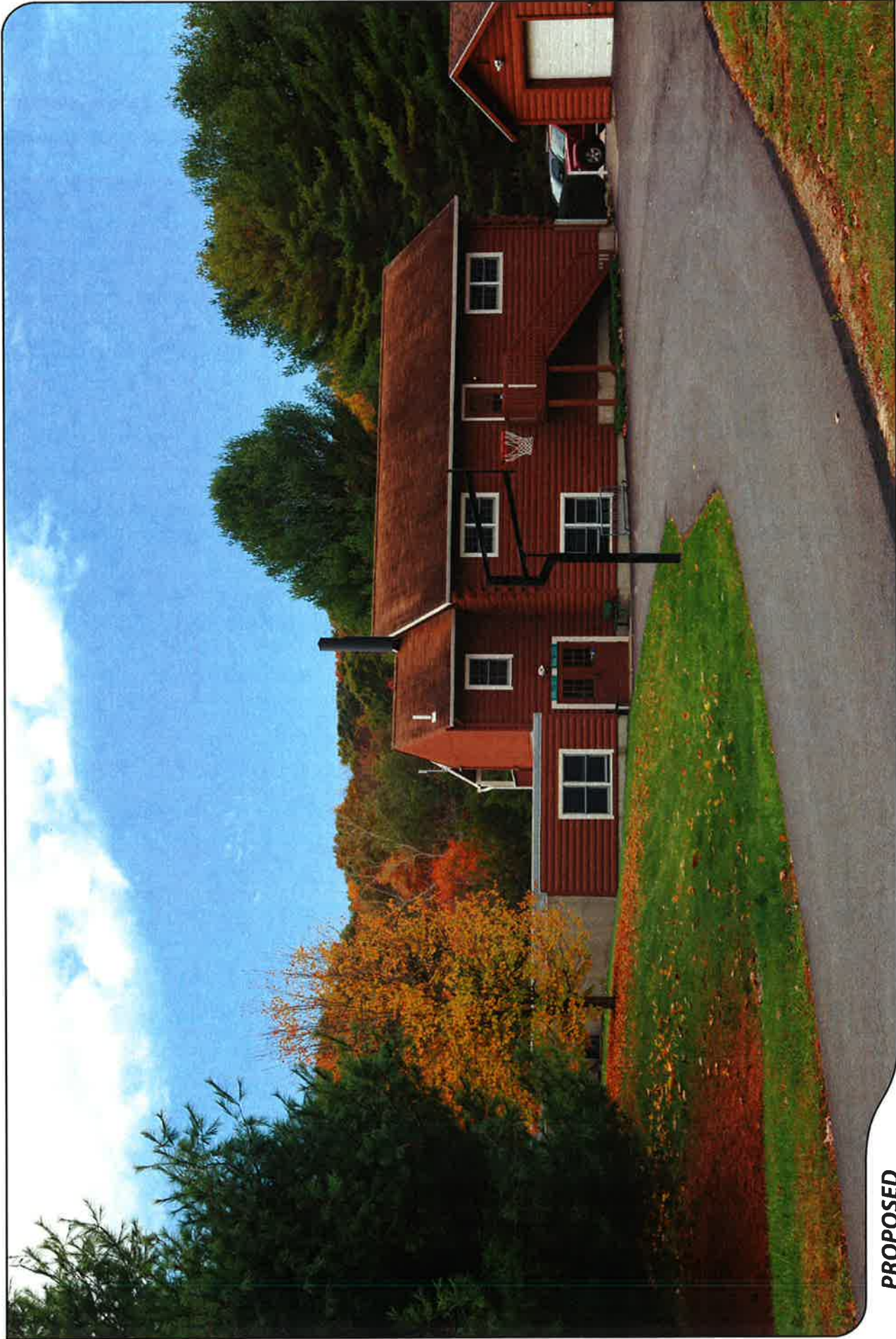
ORIENTATION

SOUTHWEST

DISTANCE TO SITE

+/- 175 FEET





PROPOSED

PHOTO

3

LOCATION

HOST PROPERTY

ORIENTATION

SOUTHWEST

DISTANCE TO SITE

+/- 175 FEET





PROPOSED

PHOTO

3

LOCATION

HOST PROPERTY

ORIENTATION

SOUTHWEST

DISTANCE TO SITE

+/- 175 FEET

ATTACHMENT 6

General Power Density

Site Name: EAST LYME SC 2, CT
 Cumulative Power Density

| Operator | Operating Frequency (MHz) | Number of Trans. | ERP Per Trans. (watts) | Total ERP (watts) | Distance to Target (feet) | Calculated Power Density (mW/cm ²) | Maximum Permissible Exposure* (mW/cm ²) | Fraction of MPE (%) |
|----------|---------------------------|------------------|------------------------|-------------------|---------------------------|--|---|---------------------|
| VZW AWS | 2145 | 1 | 25 | 25 | 25 | 0.0144 | 1.0 | 1.44% |

Total Percentage of Maximum Permissible Exposure

1.44%

*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/cm² = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.

ATTACHMENT 7

EAST_LYME_SC_2_CT.txt

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

Airspace User: Your Name

File: EAST_LYME_SC_2_CT

Location: New London, CT
 Distance: 8.5 Statute Miles
 Direction: 127° (true bearing)

Latitude: 41°-24'-19.72" Longitude: 72°-13'-29.49"

SITE ELEVATION AMSL..... 82 ft.
 STRUCTURE HEIGHT.....111 ft.
 OVERALL HEIGHT AMSL.....193 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 42B
- 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: GON: GROTON-NEW LONDON

Type: A RD: 54038.96 RE: 8.7
 FAR 77.17(a)(1): DNE
 FAR 77.17(a)(2): DNE - Greater Than 5.99 NM.
 VFR Horizontal Surface: DNE
 VFR Conical Surface: DNE
 VFR Approach Slope: DNE
 VFR Transitional Slope: DNE

VFR TRAFFIC PATTERN AIRSPACE FOR: 42B: GOODSPEED

Type: A RD: 64211.5 RE: 7
 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

EAST_LYME_SC_2_CT.txt
 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 1500 ft AMSL

PRIVATE LANDING FACILITIES

| FACIL IDENT TYP NAME | BEARING To FACIL | RANGE IN NM | DELTA ARP ELEVATION | FAA IFR |
|--|---------------------|----------------|------------------------|------------|
| CT11 AIR DEVILS HOPYARD FIELD No Impact to VFR Transitional Surface. Below surface height of 464 ft above ARP. | 294.15 | 5.64 | +68 | |

AIR NAVIGATION ELECTRONIC FACILITIES

| APCH BEAR | FAC IDNT | ST TYPE | AT | FREQ | VECTOR | DIST (ft) | DELTA ELEVA | ST | LOCATION | GRND ANGLE |
|--------------|-------------|------------|----|--------|--------|--------------|----------------|----|------------------|---------------|
| | GON | VOR/DME | R | 110.8 | 120.02 | 54779 | +184 | CT | GROTON | .19 |
| | ORW | VOR/DME | I | 110.0 | 48.26 | 82721 | -117 | CT | NORWICH | -.08 |
| | HFD | VOR/DME | R | 114.9 | 314.29 | 123176 | -656 | CT | HARTFORD | -.31 |
| | MAD | VOR/DME | R | 110.4 | 255.26 | 132566 | -27 | CT | MADISON | -.01 |
| | HTO | VORTAC | I | 113.6 | 188.09 | 179054 | +171 | NY | HAMPTON | .05 |
| | HVN | VOR/DME | R | 109.8 | 253.73 | 188702 | +187 | CT | NEW HAVEN | .06 |
| | SEY | VOR/DME | R | 117.8 | 116.15 | 198288 | +93 | RI | SANDY POINT | .03 |
| | PVD | RADAR | Y | 2735. | 55.96 | 206390 | -383 | RI | THEODORE FRANCIS | -.11 |
| | QVH | RADAR ARSR | Y | 1326.9 | 213.42 | 230348 | -158 | NY | RIVERHEAD | -.04 |
| | BDL | RADAR | ON | | 327.38 | 231005 | -43 | CT | BRADLEY INTL | -.01 |

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: NEW @ 9453 meters.

Airspace® Summary Version 14.9.372

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 Copyright © 1989 - 2014

11-05-2014
 14:54:29

ATTACHMENT 8

December 12, 2014

Via Certified Mail, Return Receipt Requested

Paul M. Formica, First Selectman
Town of East Lyme
108 Pennsylvania Avenue
Niantic, CT 06357

Re: **Installation of a Small Cell Telecommunications Facility at Aces High RV Park, 301 Chesterfield Road, East Lyme, Connecticut**

Dear Mr. Formica:

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 Aces High RV Park at 301 Chesterfield Road in East Lyme (the “Property”).

Cellco would install an antenna mast and one (1) “small cell” antenna within a radio frequency transparent faux stovepipe on the roof of the building. Equipment associated with the small cell antenna will be maintained inside the building.


A copy of Cellco’s Petition is attached for your review. Landowners whose property abuts the Aces High RV Park were also sent notice of this filing along with a copy of the Petition’s project plans.

Robinson+Cole

Paul M. Formica
December 12, 2014
Page 2

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

Sincerely,



Kenneth C. Baldwin

KCB/kmd
Attachment
Copy to:
Sandy M. Carter

December 12, 2014

Via Certified Mail, Return Receipt Requested

Daniel M. Steward, First Selectman
Town of Waterford
15 Rope Ferry Road
Waterford, CT 06385-2806

Re: **Installation of a Small Cell Telecommunications Facility at Aces High RV Park, 301 Chesterfield Road, East Lyme, Connecticut**

Dear Mr. Steward:

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 Aces High RV Park at 301 Chesterfield Road in East Lyme (the “Property”).

Cellco would install an antenna mast and one (1) “small cell” antenna within a radio frequency transparent faux stovepipe on the roof of the building. Equipment associated with the small cell antenna will be maintained inside the building.


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Robinson+Cole

Daniel M. Steward
December 12, 2014
Page 2

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

Sincerely,



Kenneth C. Baldwin

KCB/kmd
Attachment
Copy to:
Sandy M. Carter

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

December 12, 2014

Via Certified Mail, Return Receipt Requested

Daniela Gjergas, Manager
Three Hundred and One Chesterfield LLC
301 Chesterfield Road
East Lyme, CT 06333

Re: **Installation of a Small Cell Telecommunications Facility at Aces High RV Park, 301 Chesterfield Road, East Lyme, Connecticut**

Dear Ms. Gjergas:

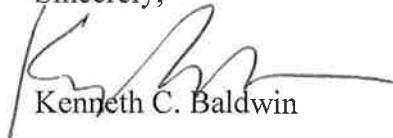
This firm represents Cellco Partnership d/b/a Verizon Wireless (“Cellco”). Today, Cellco filed a Petition for Declaratory Ruling (“Petition”) with the Connecticut Siting Council (“Council”) seeking approval to install a “small cell” telecommunications facility at 301 Chesterfield Road in East Lyme (the “Property”).

Cellco would install an antenna mast and one (1) “small cell” antenna within a radio frequency transparent faux stovepipe on the roof of the building. Equipment associated with the small cell antenna will be maintained inside the building.

A copy of Cellco’s Petition is attached for your review. Landowners whose property abuts the Aces High RV Park were also sent notice of this filing along with a copy of the Petition’s project plans.

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

Sincerely,



Kenneth C. Baldwin

KCB/kmd
Attachment
Copy to:
Sandy M. Carter

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

December 12, 2014

Via Certified Mail, Return Receipt Requested

«Name_and_Address»

Re: Notice of Intent to File a Petition for Declaratory Ruling with the Connecticut Siting Council for the Installation of a “Small Cell” Telecommunications Facility at Aces High RV Park, 301 Chesterfield Road, East Lyme, Connecticut

Dear «Salutation»:

This firm represents Cellco Partnership d/b/a Verizon Wireless (“Cellco”). Today, Cellco filed a Petition for Declaratory Ruling (“Petition”) with the Connecticut Siting Council (“Council”) seeking approval to install a new “small cell” telecommunications facility at Aces High RV Park, 301 Chesterfield Road in East Lyme (the “Property”). Cellco intends to install an antenna mast and one (1) canister type antenna, within a radio frequency transparent faux stovepipe, on the roof of the existing building. Equipment associated with the facility will be maintained inside the building. A set of Project Plans and Photosimulation showing the location of Cellco’s proposed small cell are attached for your review.

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

December 12, 2014
Page 2

Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth C. Baldwin". The signature is fluid and cursive, with a long horizontal stroke at the end.

Kenneth C. Baldwin

Attachment

Copy to:

Sandy M. Carter

Limited Visual Assessments and Photo-Simulations

EAST LYME SC 2
301 CHESTERFIELD ROAD
EAST LYME, CT 06333



Prepared in November 2014 by:
All-Points Technology Corporation, P.C.
3 Saddlebrook Drive
Killingworth, CT 06141

Prepared for Verizon Wireless



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 301 Chesterfield Road in East Lyme, Connecticut (the "Property").

Project Setting

The 93-acre Property is located east of Chesterfield Road (aka State Highway 161) in a rural residential area and is currently developed with an RV Park. The proposed Facility would include the installation of a single canister antenna (concealed within an RF-transparent stove pipe) mounted on an existing building's exterior such that it would extend approximately 4.5 feet above the roof. Associated equipment would be located within the first floor of the building. Electrical and telco cables would exit the equipment room to the building's northeast exterior and extend up to the roof within a conduit painted to match existing conditions).

Methodology

On October 21, 2014, APT personnel conducted a field reconnaissance to photo-document existing conditions. Three locations on the Property were selected to depict existing and proposed conditions. At each photo location, the geographic coordinates of the camera's position were logged using global positioning system ("GPS") technology. Photographs were taken with a Canon EOS 6D digital camera body and Canon EF 24 to 105 millimeter ("mm") zoom lens, with lens set to 50 mm for all but one of the photographs. Photograph 2 was taken using a 35 mm focal length in order to provide a greater depth of field for presentation in this report. Focal lengths ranging from 24 mm to 50 mm approximate views similar to that achieved by the human eye. However, two key aspects of an image can be directly affected by the specific focal length that is selected: field of view and relation of sizes between objects in the frame. A 24mm focal length provides a wider field of view, representative of the extent the human eyes may see (including some peripheral vision), but the relation of sizes between objects at the edges of the photos can become minimally skewed. A 50 mm focal length has a narrower field of view than the human eye but the relation of sizes between objects is represented similar to what the human eye might perceive.

"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

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

When taking photographs for these analyses, APT prefers a focal length of 50 mm; however there are times when wider views (requiring the use of the 35 mm lens setting, in this case) can better reflect “real world” viewing conditions by providing greater context to the scene. Regardless of the lens setting, the scale of the subject in the photograph and corresponding simulation remains proportional to its surroundings.

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 format². A photolog map and copies of the existing conditions and photo-simulations are attached.

Conclusions

The visibility of the proposed installation would be limited primarily to locations on the Property in the immediate area of the building. The combination of the small cell's relatively low profile above the existing roof line (less than 5 feet) and its concealment within a cylindrical faux stove pipe results in the facility appearing to be part of the building's heating exhaust system. Based on the results of this assessment, it is our opinion that the proposed installation of Verizon Wireless equipment at the Property would have little effect on existing views.

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.

ATTACHMENTS



PHOTO LOG

Legend

● Photo Location



100 50 0 100 Feet
1 inch = 100 feet



EXISTING

PHOTO

1

LOCATION

HOST PROPERTY

ORIENTATION

NORTH

DISTANCE TO SITE

+/- 133 FEET



PROPOSED

PHOTO

1

LOCATION

HOST PROPERTY

ORIENTATION

NORTH

DISTANCE TO SITE

+/- 133 FEET



PROPOSED

PHOTO

1

LOCATION

HOST PROPERTY

ORIENTATION

NORTH

DISTANCE TO SITE

+/- 133 FEET



EXISTING

PHOTO

2

LOCATION

HOST PROPERTY (35mm Focal Length)

ORIENTATION

WEST

DISTANCE TO SITE

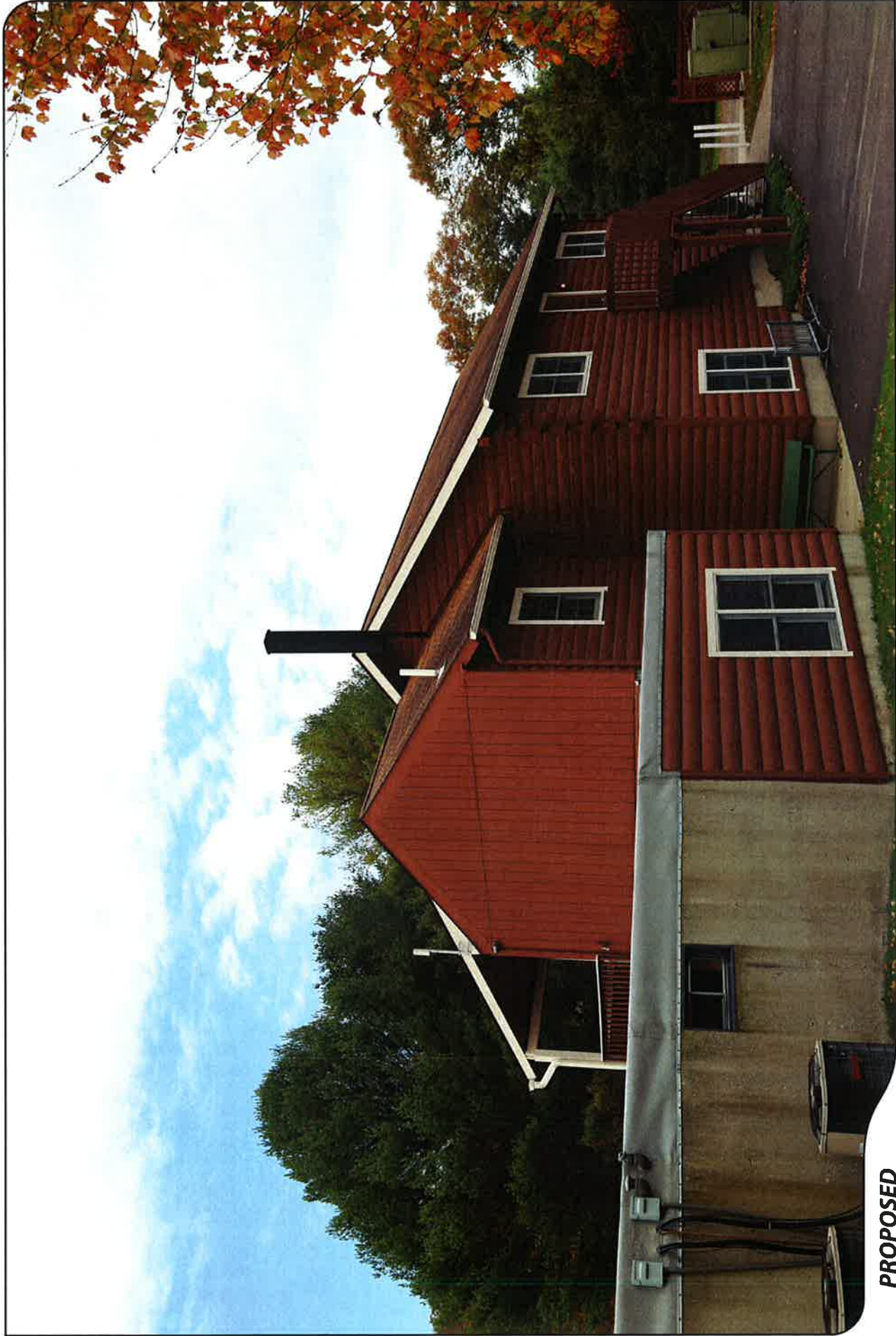
+/- 43 FEET



ALL-POINTS
TECHNOLOGY CORPORATION



veri or
ORIENTATION



PROPOSED

PHOTO

2

LOCATION

HOST PROPERTY (35mm Focal Length)

ORIENTATION

WEST

DISTANCE TO SITE

+/- 43 FEET



PROPOSED

PHOTO

2

LOCATION

HOST PROPERTY (35mm focal length)

ORIENTATION

WEST

DISTANCE TO SITE

+/- 43 FEET



EXISTING

PHOTO

3

LOCATION

HOST PROPERTY

ORIENTATION

SOUTHWEST

DISTANCE TO SITE

+/- 175 FEET





PROPOSED

PHOTO

3

LOCATION

HOST PROPERTY

ORIENTATION

SOUTHWEST

DISTANCE TO SITE

+/- 175 FEET





PROPOSED

PHOTO

3

LOCATION

HOST PROPERTY

ORIENTATION

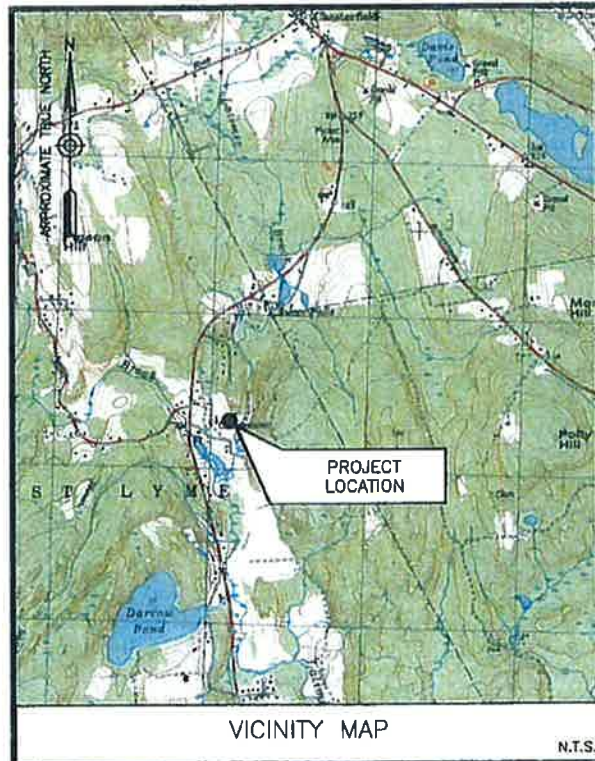
SOUTHWEST

DISTANCE TO SITE

+/- 175 FEET

CELLCO PARTNERSHIP d/b/a **verizon**wireless

PROPOSED WIRELESS FACILITY
SITE NAME: EAST LYME SC 2
301 CHESTERFIELD ROAD,
EAST LYME, CT 06333



DIRECTIONS FROM 99 EAST RIVER DRIVE, EAST HARTFORD, CT:
 TAKE EAST RIVER DR. TURN LEFT ONTO THE CT-2 E RAMP TO NORWICH. MERGE ONTO I-84 E. TAKE EXIT 55 FOR CT-2 E TOWARD NORWICH/NEW LONDON/I-84 E. CONTINUE ONTO CT-2 E. KEEP RIGHT AT THE FORK TO CONTINUE ON CT-11 S. CONTINUE ONTO EXIT 4. TURN LEFT ONTO CT-82 E. AT THE TRAFFIC CIRCLE, TAKE THE 1ST EXIT ONTO CT-85 S. TURN RIGHT ONTO CT-181 S (CHESTERFIELD RD). SITE WILL BE ON THE LEFT.

| |
|---|
| <p>SITE COORDINATES: LATITUDE: N 41°-24'-19.723" LONGITUDE: W 72°-13'-29.492" (BASED ON FAA 1-A SURVEY)</p> <p>ELEVATION DATA GRADE ELEVATION AT BUILDING = 81.8'± A.M.S.L. ELEVATION BASED UPON FAA 1-A SURVEY</p> <p>ELEVATION (TO TOP OF ANTENNA) ELEVATION = 110.5'± A.G.L.</p> <p>ANTENNA ELEVATION (TO TOP OF ANTENNA) ALPHA FACE: 28.7'± A.G.L.</p> <p>ANTENNA ORIENTATION: ALPHA FACE: 50°</p> |
| SITE INFORMATION |

| |
|--|
| <p>SITE NAME: EAST LYME SC 2</p> <p>LOCATION: 301 CHESTERFIELD ROAD, EAST LYME, CT 06333 NEW LONDON COUNTY</p> <p>APPLICANT: CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108</p> <p>APPLICANT CONTACT: SANDY CARTER CELLCO PARTNERSHIP (860) 803-8219</p> |
| PROJECT INFORMATION |

| SHEET NUMBER | DESCRIPTION |
|--------------------|---|
| T-1 | TITLE SHEET |
| C-1 | SITE LOCATION PLAN |
| C-2 | PARTIAL SITE PLAN |
| C-3 | NORTHEAST ELEVATION |
| C-4 | EQUIPMENT ROOM PLAN & ANTENNA MOUNTING DETAIL |
| SHEET INDEX | |

CELLCO PARTNERSHIP
 d/b/a **verizon**wireless

EAST LYME SC 2

| CSC DRAWINGS | | |
|--------------|----------|-------------|
| | | |
| | | |
| | | |
| | | |
| O | 11/10/14 | FOR FILING |
| A | 11/04/14 | FOR COMMENT |

Dewberry
 Dewberry Engineers Inc.
 600 PARSIPPANY ROAD
 SUITE 301
 PARSIPPANY, NJ 07054
 PHONE: 973.738.9400
 FAX: 973.738.9710



DRAWN BY: JC
 REVIEWED BY: BSH
 CHECKED BY: GHN
 PROJECT NUMBER: 50067815
 JOB NUMBER: 50067828

SITE ADDRESS
 301 CHESTERFIELD ROAD
 EAST LYME, CT 06333
 SHEET TITLE
 TITLE SHEET
 SHEET NUMBER

T-1

CELLCO
PARTNERSHIP
d/b/a **verizon** wireless

EAST LYME SC 2

| CSC DRAWINGS | | |
|--------------|----------|-------------|
| | | |
| | | |
| | | |
| | | |
| 0 | 11/10/14 | FOR FILING |
| A | 11/04/14 | FOR COMMENT |

Dewberry
Dewberry Engineers Inc.
600 PARSIPPANY ROAD
SUITE 301
PARSIPPANY, NJ 07054
PHONE: 973.739.9400
FAX: 973.739.9710



DRAWN BY: JC
REVIEWED BY: BSH
CHECKED BY: GHN
PROJECT NUMBER: 50067815
JOB NUMBER: 50087828

SITE ADDRESS

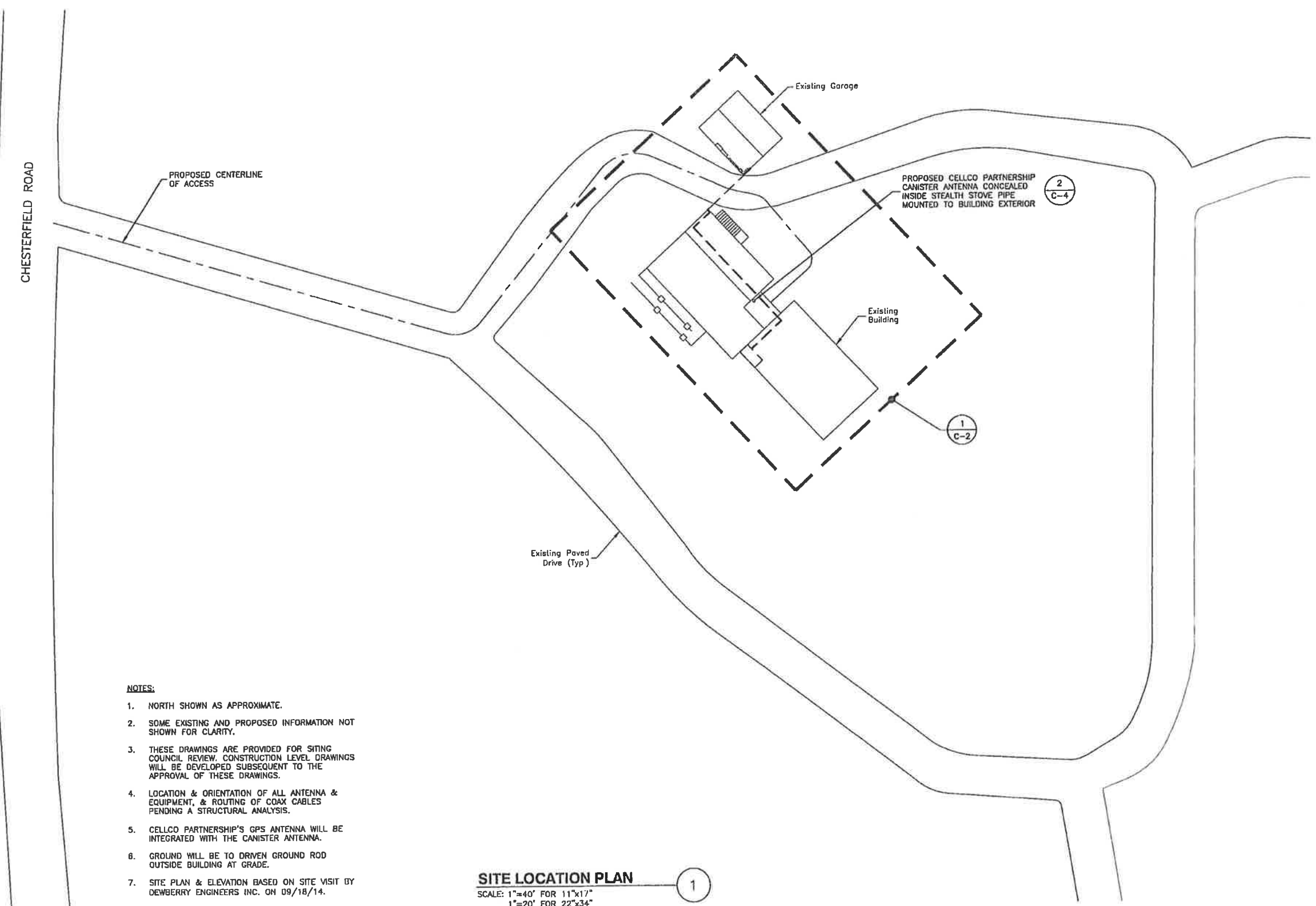
301 CHESTERFIELD ROAD
EAST LYME, CT 06333

SHEET TITLE

SITE LOCATION PLAN

SHEET NUMBER

C-1



- NOTES:**
1. NORTH SHOWN AS APPROXIMATE.
 2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
 3. THESE DRAWINGS ARE PROVIDED FOR SITING COUNCIL REVIEW. CONSTRUCTION LEVEL DRAWINGS WILL BE DEVELOPED SUBSEQUENT TO THE APPROVAL OF THESE DRAWINGS.
 4. LOCATION & ORIENTATION OF ALL ANTENNA & EQUIPMENT, & ROUTING OF COAX CABLES PENDING A STRUCTURAL ANALYSIS.
 5. CELLCO PARTNERSHIP'S GPS ANTENNA WILL BE INTEGRATED WITH THE CANISTER ANTENNA.
 6. GROUND WILL BE TO DRIVEN GROUND ROD OUTSIDE BUILDING AT GRADE.
 7. SITE PLAN & ELEVATION BASED ON SITE VISIT BY DEWBERRY ENGINEERS INC. ON 09/18/14.

SITE LOCATION PLAN

SCALE: 1"=40' FOR 11"x17"
1"=20' FOR 22"x34"

0' 20' 40'

1

EAST LYME SC 2

CSC DRAWINGS

| | | |
|---|----------|-------------|
| | | |
| | | |
| | | |
| | | |
| 0 | 11/10/14 | FOR FILING |
| A | 11/04/14 | FOR COMMENT |



Dewberry Engineers Inc.
800 PARSIPPANY ROAD
SUITE 301
PARSIPPANY, NJ 07054
PHONE: 973.739.9400
FAX: 973.739.9710



DRAWN BY: JC

REVIEWED BY: BSH

CHECKED BY: GHN

PROJECT NUMBER: 50067815

JOB NUMBER: 50067828

SITE ADDRESS

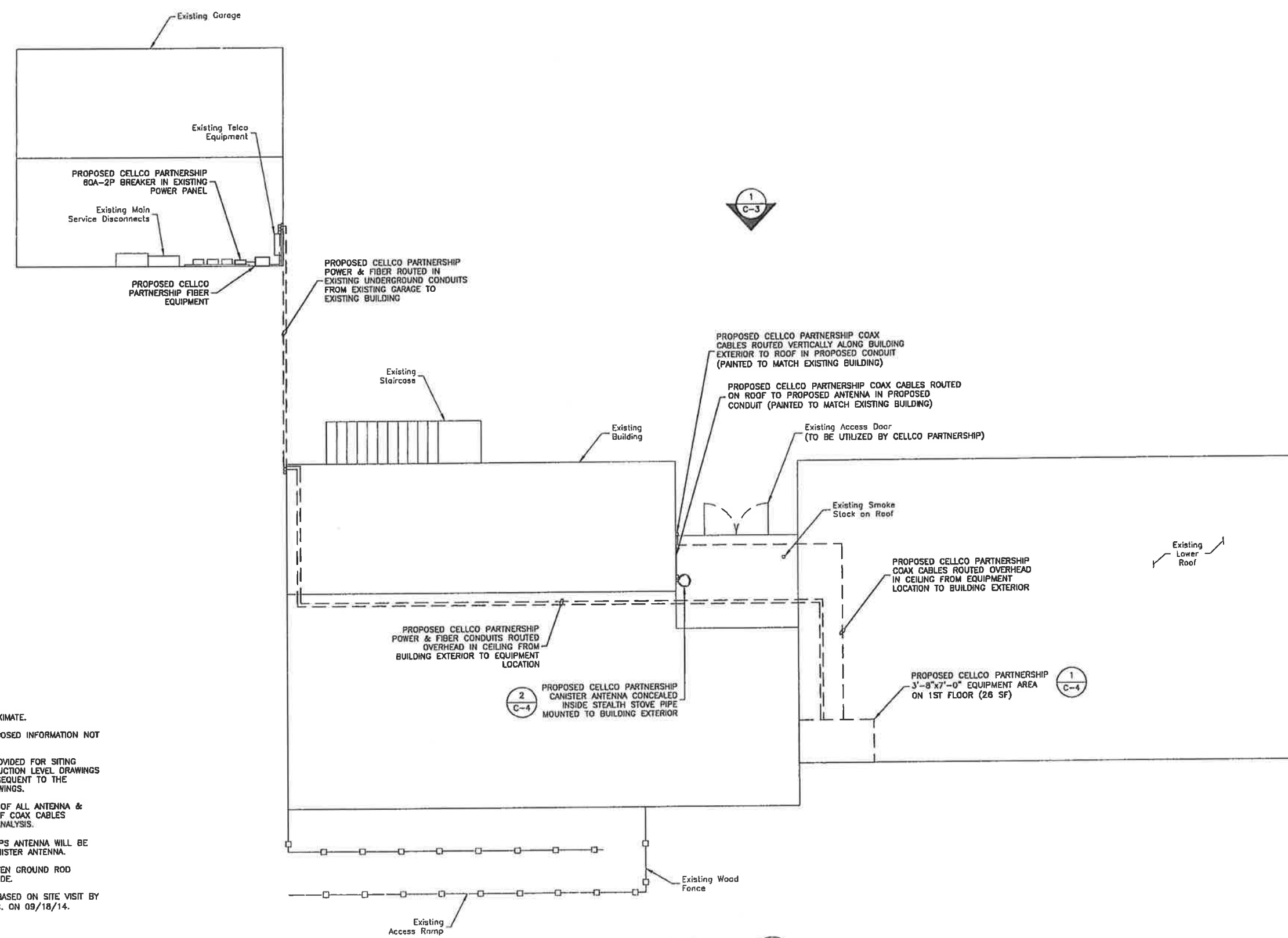
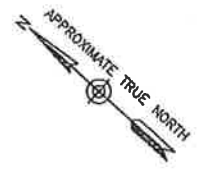
301 CHESTERFIELD ROAD
EAST LYME, CT 06333

SHEET TITLE

PARTIAL SITE PLAN

SHEET NUMBER

C-2

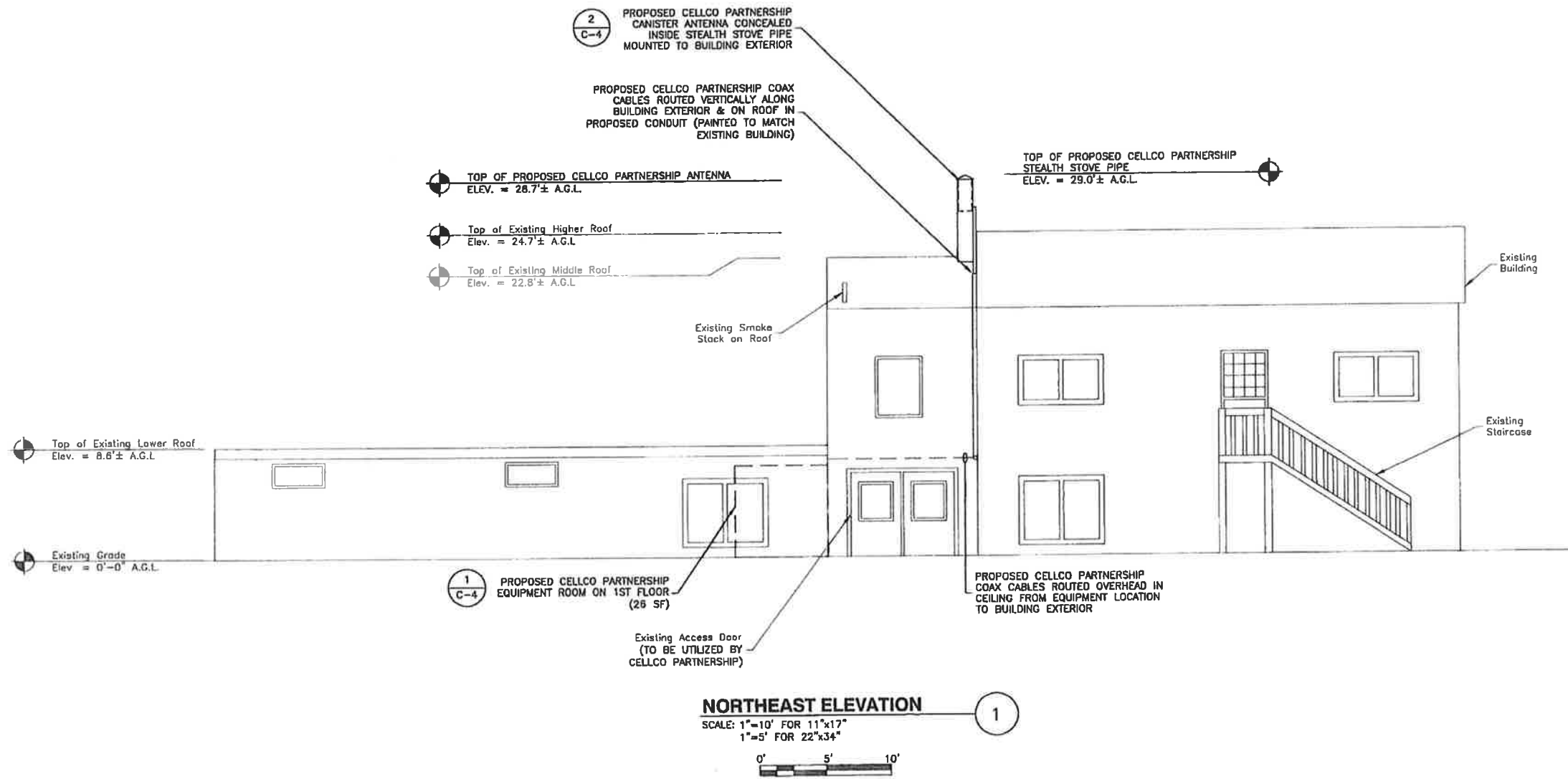


- NOTES:**
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 2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
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 4. LOCATION & ORIENTATION OF ALL ANTENNA & EQUIPMENT, & ROUTING OF COAX CABLES PENDING A STRUCTURAL ANALYSIS.
 5. CELLCO PARTNERSHIP'S GPS ANTENNA WILL BE INTEGRATED WITH THE CANISTER ANTENNA.
 6. GROUND WILL BE TO DRIVEN GROUND ROD OUTSIDE BUILDING AT GRADE.
 7. SITE PLAN & ELEVATION BASED ON SITE VISIT BY DEWBERRY ENGINEERS INC. ON 09/18/14.

PARTIAL SITE PLAN
SCALE: 1"=10' FOR 11"x17"
1"=5' FOR 22"x34"
0' 5' 10'

NOTES:

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3. THESE DRAWINGS ARE PROVIDED FOR SITING COUNCIL REVIEW. CONSTRUCTION LEVEL DRAWINGS WILL BE DEVELOPED SUBSEQUENT TO THE APPROVAL OF THESE DRAWINGS.
4. LOCATION & ORIENTATION OF ALL ANTENNA & EQUIPMENT, & ROUTING OF COAX CABLES PENDING A STRUCTURAL ANALYSIS.
5. CELCO PARTNERSHIP'S GPS ANTENNA WILL BE INTEGRATED WITH THE CANISTER ANTENNA.
6. GROUND WILL BE TO DRIVEN GROUND ROD OUTSIDE BUILDING AT GRADE.
7. SITE PLAN & ELEVATION BASED ON SITE VISIT BY DEWBERRY ENGINEERS INC. ON 09/18/14.



CELLCO PARTNERSHIP
d/b/a **verizon** wireless

EAST LYME SC 2

| CSC DRAWINGS | | |
|--------------|----------|-------------|
| | | |
| | | |
| | | |
| 0 | 11/10/14 | FOR FILING |
| A | 11/04/14 | FOR COMMENT |

Dewberry
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600 PARSHIPPANY ROAD
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PHONE: 973.736.8400
FAX: 973.736.8710



| | |
|-----------------|----------|
| DRAWN BY: | JC |
| REVIEWED BY: | BSH |
| CHECKED BY: | GHN |
| PROJECT NUMBER: | 50067815 |
| JOB NUMBER: | 50067828 |

SITE ADDRESS

301 CHESTERFIELD ROAD
EAST LYME, CT 06333

SHEET TITLE

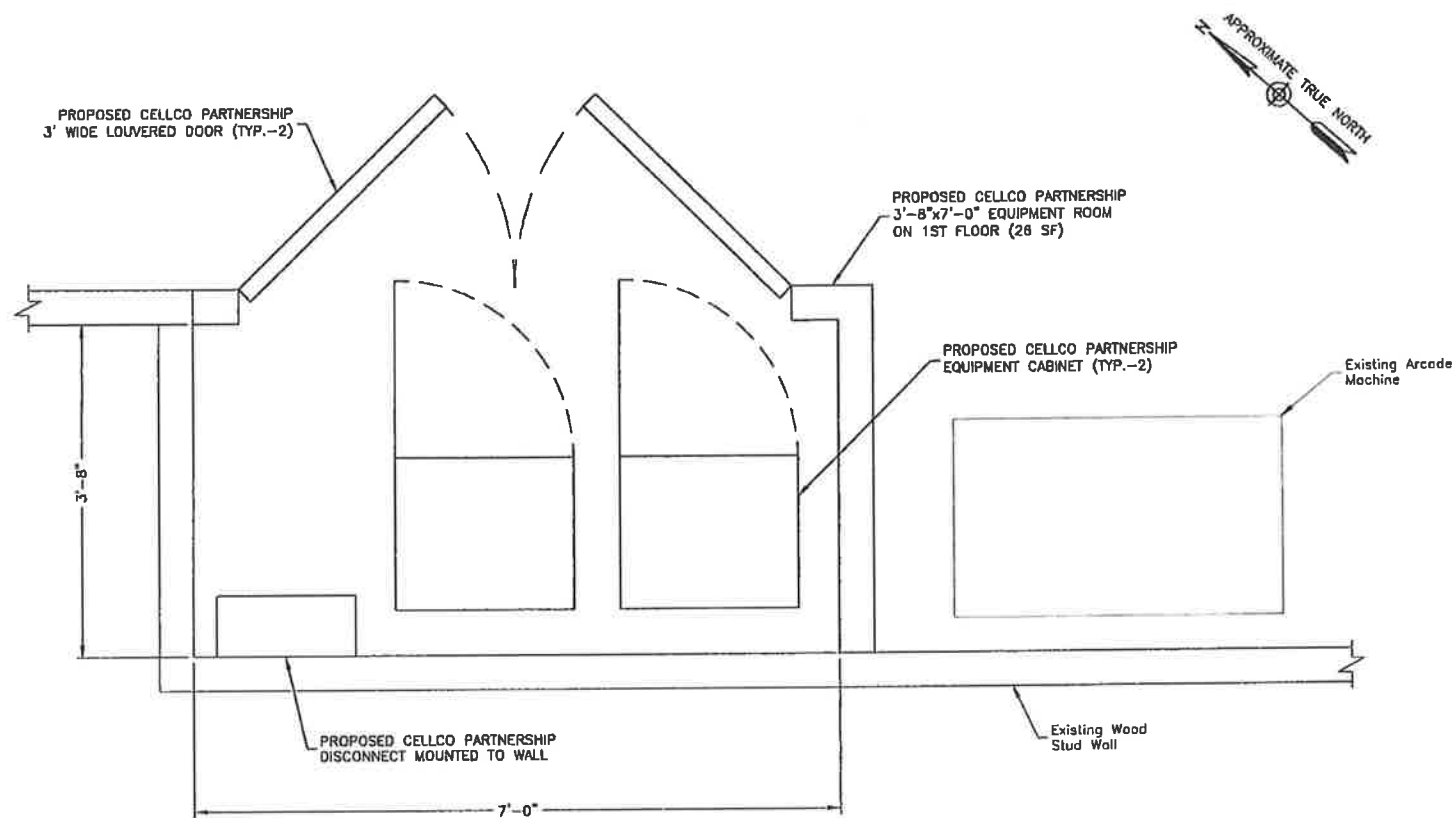
NORTHEAST ELEVATION

SHEET NUMBER

C-3

NOTES:

1. NORTH SHOWN AS APPROXIMATE.
2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
3. THESE DRAWINGS ARE PROVIDED FOR SITING COUNCIL REVIEW. CONSTRUCTION LEVEL DRAWINGS WILL BE DEVELOPED SUBSEQUENT TO THE APPROVAL OF THESE DRAWINGS.
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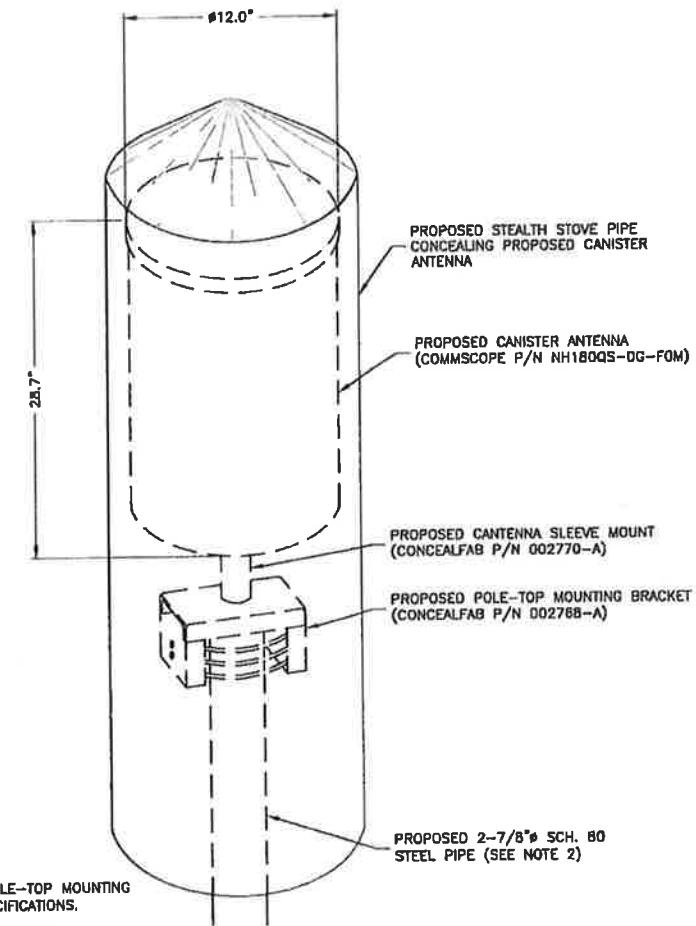


EQUIPMENT ROOM PLAN

SCALE: 1/2"=1' FOR 11"x17"
1"=1' FOR 22"x34"



1



NOTES:

1. INSTALL CONCEALFAB UNIVERSAL POLE-TOP MOUNTING SYSTEM PER MANUFACTURER'S SPECIFICATIONS.
2. FINAL ANTENNA MOUNTING DESIGN PENDING A STRUCTURAL ANALYSIS.

ANTENNA MOUNTING DETAIL

SCALE: N.T.S.

2

CELLCO PARTNERSHIP
d/b/a **verizon** wireless

EAST LYME SC 2

CSC DRAWINGS

| | | |
|---|----------|-------------|
| | | |
| | | |
| O | 11/10/14 | FOR FILING |
| A | 11/04/14 | FOR COMMENT |

Dewberry

Dewberry Engineers Inc.
800 PARSIPPANY ROAD
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PHONE: 973.739.9400
FAX: 973.739.9710



DRAWN BY: JC

REVIEWED BY: BSH

CHECKED BY: GHN

PROJECT NUMBER: 50067815

JOB NUMBER: 50067828

SITE ADDRESS

301 CHESTERFIELD ROAD
EAST LYME, CT 06333

SHEET TITLE

EQUIPMENT ROOM PLAN &
ANTENNA MOUNTING DETAIL

SHEET NUMBER

CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS

ABUTTING PROPERTY OWNERS

**301 CHESTERFIELD ROAD
EAST LYME, CONNECTICUT**

| | <u>Parcel ID</u> | <u>Property Address</u> | <u>Owner and Mailing Address</u> |
|-----|------------------|-------------------------|--|
| 1. | 44.0/19-20 | 251 Chesterfield Road | Hidden Acres Homeowners Association, Inc. 18 Sachatello Industrial Drive Oakdale, CT 06370 |
| 2. | 44.0/15 | 275 Chesterfield Road | Luba and Emily Savitsky P.O. Box 12 East Lyme, CT 06333 |
| 3. | 44.0/14 | 277 Chesterfield Road | James, Jean, Anne Blondin Savitsky 233 East 69 th Street New York, NY 10021 |
| 4. | 44.0/13 | 285 Chesterfield Road | Joseph and Elizabeth Pleva, Et Al 16 Rossini Road Londonderry, NH 03053 |
| 5. | 44.0/13-1 | 287 Chesterfield Road | John Bialowans 61 Walnut Hill Road East Lyme, CT 06333 |
| 6. | 44.0/14-1 | 271 Chesterfield Road | Jean, James, Anne Blondin Savitsky c/o Stephen Savitsky 46 Manor Road Oakdale, CT 06370 |
| 7. | 48.0/1 | 294 Chesterfield Road | Mary T. Wadsworth 294 Chesterfield Road East Lyme, CT 06333 |
| 8. | 48.0/2 | 298 Chesterfield Road | Phillip J. and Katherine L. Day 298 Chesterfield Road East Lyme, CT 06333 |
| 9. | 48.0/3 | 306 Chesterfield Road | Roe A. and Georgianna Granger 306 Chesterfield Road East Lyme, CT 06333 |
| 10. | 48.0/4 | 308 Chesterfield Road | Lois Schenking 308 Chesterfield Road East Lyme, CT 06333 |

| | <u>Parcel ID</u> | <u>Property Address</u> | <u>Owner and Mailing Address</u> |
|-----|------------------|-------------------------|--|
| 11. | 48.0/5 | 2 Walnut Hill Road | Christopher G. and Katie L. Discordia 2 Walnut Hill Road East Lyme, CT 06333 |
| 12. | 48.0/122 | 317 Chesterfield Road | St. Matthias Church Corp. 317 Chesterfield Road East Lyme, CT 06333 |
| 13. | 48.0/94 | 17 Chapman Drive | Sally M. Orobello 17 Chapman Drive East Lyme, CT 06333 |
| 14. | 48.0/93 | 19 Chapman Drive | Xiaodong Song and Yan Yun Chen 19 Chapman Drive East Lyme, CT 06333 |
| 15. | 48.0/92 | 21 Chapman Drive | Thomas H. Murry, Sr. 21 Chapman Drive East Lyme, CT 06333 |
| 16. | 48.0/91 | 22 Chapman Drive | Robert Whipple and Cheryl A. Deveer-Whipple 22 Chapman Drive East Lyme, CT 06333 |
| 17. | 48.0/90 | 20 Chapman Drive | Diana Weiner 20 Chapman Drive East Lyme, CT 06333 |
| 18. | 48.0/89 | 18 Chapman Drive | Karl and Keri Parks 18 Chapman Drive East Lyme, CT 06333 |
| 19. | 48.0/81 | 7 Silver Falls Road | David and Michelle Dean 7 Silver Falls Road East Lyme, CT 06333 |
| 20. | 48.0/1B | 30 Westchester | Mary Staggs 30 Westchester East Lyme, CT 06333 |

| | <u>Parcel ID</u> | <u>Property Address</u> | <u>Owner and Mailing Address</u> |
|------------------|------------------|-------------------------|---|
| <u>Waterford</u> | | | |
| 21. | 24/6082 | 55 Pember Road | Christine Marr, Et Als 29 Mayfield Terrace East Lyme, CT 06333 |
| 22. | 24/6083 | 83 Pember Road | Francine A. Perry and Antoinette Picazio Est. 3 Brookfield Drive East Lyme, CT 06333 |
| <u>Montville</u> | | | |
| 23. | 1/8-A | 53 Silver Falls Road | Stephen Boska and John Wood and Patricia Palmer 53 Silver Falls Road Oakdale, CT 06370 |