

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF SECTORSITE AND T-MOBILE
NORTHEAST, LLC FOR A CERTIFICATE OF
ENVIRONMENTAL COMPATIBILITY AND
PUBLIC NEED FOR THE CONSTRUCTION,
MAINTENANCE, AND OPERATION OF A
TELECOMMUNICATIONS FACILITY ON TOWN-
OWNED PROPERTY BEHIND THE SOUTHWEST
FIRE STATION LOCATED AT 2 WESTWOODS
DRIVE, FARMINGTON, CONNECTICUT

DOCKET NO. 480

February 8, 2018

RESPONSES TO SITING COUNCIL INTERROGATORIES

SectorSite and T-Mobile (together the "Applicants"), submit the following information in response to the Siting Council interrogatories issued on January 26, 2018.

General

Q1. Were return receipts received for each abutting landowner identified in the Application Att. 10? If not, list the abutters that did not receive notice and describe any additional effort to serve notice.

A1. *Six letters were not confirmed received. Follow-up letters along with a copy of the notice were sent to these six landowners on January 9, 2018 via first class mail. Please see Attachment 1.*

Q2. How are the costs of facility construction recovered for both SectorSite and T-Mobile? Are costs allocated among nationwide, region-wide, or statewide customers?

A2. *SectorSite recovers construction costs through the revenue received from tenants.*

T-Mobile recoups investment through its statewide and nationwide customer base.

Project Site

Q3. Application Att. 3, Sheet C-4 states the nearest residence to the tower site is 314 feet but the measurement on the sheet terminates at Plainville Avenue. Please clarify the distance to the nearest residence and provide the address of the residence.

A3. *The distance to the nearest residential property boundary is approximately 315' to the east of the proposed Facility located at 2 Pine Hollow Road (Tax Id 125-1). The distance to the residence at this location is approximately 530'.*

- A4. Is the proposed site located within a 500-year flood zone? If so, would sensitive electronic equipment be raised above the 500-year flood elevation?
- A4: *The site is located within an unshaded Zone X, which is determined to be outside of the 0.2% annual chance floodplain (500-year flood zone). Thus, the site is not located within a flood hazard zone.*
- A5. What measures are proposed for the site to ensure security and deter vandalism? (alarms, gates, locks, etc.)
- A5. *The compound will be completely enclosed by an eight-foot tall chain link fence with 2" x 2" 9-gauge fence mesh. This size mesh will prevent or deter climbing. The entrance gate within the fence will include a heavy-duty galvanized double gate latch with a combination lock. Please see Sheet Number A-3 included in Attachment 3 of the Application for the security fence details.*
- Q6. What is the approximate diameter of the flagpole at the base and top?
- A6. *The lower portion of the proposed flagpole Facility is approximately 54" in width and tapers to approximately 36" at the 90' level. The 36" width continues from the 90' level to the top at 130'.*
- Q7. What is the approximate size of the flag that would be installed on the flagpole?
- A7. *The flag will be approximately 12' in height and 18' in length.*
- Q8. How many lights would be used to light the flagpole at night? Are the lights on an automatic timer or is there a manual switch on the property?
- A8. *In accordance with the FAA Determination of No Hazard to Air Navigation (please see Response No. 20 and Attachment 2), three (3) flood lights will be mounted at 120 degrees around the flagpole at approximately 10' above grade level. At this height, the lights will be protected from accidental damage and snow accumulation. The lights will include shields to prevent light spillage. A battery back-up will be installed for these lights. These lights will be remotely monitored to ensure operation at all times. A sketch depicting this lighting will be provide under separate cover.*
- Q9. Application p. 11 states the flagpole tower would be able to accommodate three other carriers. At what tower heights could three additional carriers be accommodated if T-Mobile is using the top two tower levels?
- A9. *Co-locators can mount their antennas at the 107', 97' and 87' heights.*
- Q10. Does the site lease allow another type of tower at the site?
- A10. *No. The site lease does not allow another type of tower design.*
- Q11. Were other locations considered on the site property for a tower site? If so, in what area(s)?

- A11. *The T-Mobile project team currently working on this facility is not aware of any other locations on the site that were considered. Review of the Town Council meeting minutes at the time of lease discussions with the Town (prior to lease execution in 2006) did not indicate any other locations.*

Agricultural/Environmental

- Q12. Does the proposed site encumber any land purchased by the Connecticut Department of Agriculture purchased as part of their Farmland Preservation Program?

A12: *The Applicants contacted the Town of Farmington Planning Department to determine whether the proposed site encumbers any land purchased by the Connecticut Department of Agriculture as part of their Farmland Preservation Program. The Town Planning Department is researching this and as soon as they provide a response, the Applicants will forward it.*

- Q13. Is any portion of the proposed site currently in productive agricultural use? If so, what acreage would be removed from crop production to develop the site?

A13: *The tower compound, approximately 2,500 square feet / 0.057 acre and portions of the access/utility easements, approximately 750 square feet / 0.017 acre are situated in areas characterized by productive agricultural use, most recently in corn. Total area that would be removed from crop production to develop the site is approximately 3,250 square feet / 0.07 acre. This represents only ± 0.7 percent of agricultural production loss from the ± 10 -acre corn field as a result of the proposed development, which is considered a de minimus loss of agricultural production.*

- Q14. Does the proposed site contain any Connecticut Prime Farmland and/or Important Agricultural Soils? If so, what acreage of prime and important soils would the facility and associated equipment be located on?

A14: *No Connecticut Prime Farmland soils are located at the proposed site. The tower compound approximately 2,500 square feet / 0.057 areas and portions of the access/utility easements, approximately 750 square feet / 0.017 acres are situated in areas identified as containing Connecticut Important Agricultural Soils. Total area is approximately 3,250 square feet / 0.07 acres, which is considered a de minimus impact to Connecticut Important Agricultural Soils.*

- Q15. Is the site parcel part of the Public Act 490 Program? If so, how does the town land use code classify the parcel? How would development of the proposed site affect the Public Act 490 status of the property.

A15: *The site parcel is not part of the Public Act 490 Program, which is a property tax incentive program. Since the site parcel is municipal property owned by the Town of Farmington, this program does not apply.*

- Q16. Referring to Application p. 14, has the State Historic Preservation Office responded to the Applicant since the filing of the Application? If so, please provide?

A16: *In correspondence dated January 24, 2018, the Connecticut State Historic Preservation Office concurred with EBI's (the Applicants environmental consultant) finding that the proposed Facility will have no effect on historic properties. A copy of this concurrence letter is included in Attachment 4.*

Q17. Did the National Environmental Policy Act Review include a consultation with the US Fish and Wildlife Service regarding federally-listed species, including the Northern Long Eared Bat? If so, please provide.

A17. *EBI reviewed online resources maintained by the USFWS (<http://ecos.fws.gov/ipac>) to identify any federally-listed threatened and endangered species that are known to occur within the Project Site area.*

*The only federally-listed species identified in the vicinity of the proposed Project Site area is Northern Long-eared Bat ("NLEB"; *Myotis septentrionalis*), whose potential habitat includes the entire State of Connecticut. However, the Project Site is not located near known NLEB hibernacula or maternity roost trees. Consultation with the Connecticut Department of Energy & Environmental Protection ("DEEP") Wildlife Division Natural Diversity Data Base revealed that the proposed Project Site is not near a known occupied NLEB maternity roost tree or hibernaculum. The nearest NLEB habitat resource to the proposed activity is a hibernaculum located in Litchfield, CT ±13 miles to the west. Therefore, the proposed project is not likely to adversely affect NLEB.*

*EBI also reviewed the USFWS online Critical Habitat Portal (<http://criticalhabitat.fws.gov>), to identify critical habitats within the immediate proximity of the proposed telecommunications facility. There are no critical habitats on or near the proposed Project Site. EBI also reviewed online resources maintained by the Connecticut Department of Energy and Environmental Protection (<http://www.depdata.ct.gov/naturalresources/endangeredspecies/nddbpdfs.asp>) to identify any state-protected species or "significant natural communities" that are known to occur within proximity of the proposed Project Site. As previously identified in the Applicant's Application to the Connecticut Siting Council, *Clemmys guttata* (spotted turtle) and *Terrapene carolina* (eastern box turtle) are known to occur in the vicinity of the Project Site and appropriate protection measures will be implemented during construction to protect these species in accordance with DEEP's recommendations, which are consistent with turtle protection plans previously approved by the Council on other Dockets.*

Q18. Application Attachment 5 states noise would be generated by heating, air conditioning and ventilation systems. What equipment is associated with these mechanical systems? Would the operation of this equipment comply with Department of Energy and Environmental Protection noise control standards at adjacent property lines?

A18. *Included in Attachment 3 is a noise evaluation report which demonstrates that the heating, air conditioning and ventilation systems as well as the emergency back-up generator comply with DEEP noise control standards at adjacent property lines.*

Q19. Identify the safety standards and/or codes by which equipment, machinery, or technology that would be used or operated at the proposed facility.

A19. *The proposed Facility will comply with the following applicable standards:*

- *2012 International Building Code with 2016 CT Building Code Amendments*
- *2014 National Electrical Code (NFPA 70)*
- *2016 CT Fire Safety Code*
- *TIA-222-G 05 Structural Standards for Steel Antenna Towers and Antennas*
- *Occupational Safety and Health Administration (OSHA)*

Q20. Application Attachment 4 includes a TOWAIR FAA analysis that indicates a "Fail Slope".

- a. What measures are required due to this initial determination?
- b. Has as the Applicant submitted any subsequent documents to the Federal Aviation Administration?
- c. Does the operation of a construction crane require a separate FAA notice?

A21. *As a follow up to the TOWAIR FAA analysis, SectorSite consulted with the FAA for an aeronautical study. The FAA conducted the aeronautical study and determined that the proposed Facility would not be a hazard to air navigation provided that the flagpole is lighted with flood lights. A copy of the January 25, 2018 FAA Determination of No Hazard to Air Navigation is included in Attachment 2. The details of the flood lights are provided in Response No. 8. The operation of a crane requires the submission of an Obstruction Evaluation/Airport Airspace Analysis (OE/AAA), which is typically filed one week before crane usage.*

Q21. Application Attachment 7, photo-simulation 3 depicts the bottom of the flagpole as behind a distant tree canopy. Due to the actual placement of the tower, would the flagpole actually be in front of the distant canopy, and if so, would the lowest portion of the tower and compound be visible from this area?

A21: *Yes, photosimulation #3 would be in front of the distant tree canopy. Included in Attachment 5 are updated photosimulations. The updates include the depiction of the compound fence in both photosimulations #2 and #3. Attachment 6 includes an updated map and list of schools and daycare centers within a two-mile radius. The update includes the addition of a daycare facility at 740 Plainville Avenue, which as shown in the map, is located approximately 0.31 mile from the proposed Facility.*

Q22. Application p. 13 describes visibility from "Plainfield Avenue"- should this read "Plainville Avenue"?

A23. Yes.

T-Mobile's Wireless System

Q23. Referring to Application Att. 1, what frequency is depicted on the coverage models?

A23: *The coverage plots depict 2100 MHz.*

Q24. Would the proposed site be needed for coverage, capacity, or both? If the site is for capacity relief what nearby wireless facilities (or sectors) are nearing capacity limits and at what frequencies? Please include a projected exhaustion date for each of these sectors?

A24: *The proposed Facility is needed for coverage.*

Q25. What frequencies would be deployed at the site? Are all frequencies used to transmit voice and data services? How do the different frequencies interact?

A25. *As of the time of this application, T-Mobile would deploy 1900 MHz, 2100 MHz and 700 MHz at this facility. The majority of data and voice traffic would be carried on the 1900 MHz and 2100 MHz channels due to T-Mobile only having 5 MHz of spectrum in the 700 MHz band. The determining factor leading to the deployment of additional frequencies in this area would be the purchasing of additional spectrum if it becomes available and the capacity demands that warrant the further deployment.*

Q26. What is T-Mobile's service design threshold for each frequency?

A26. *For all available frequencies T-Mobile's minimum design level thresholds are -114 dBm for In Vehicle Coverage, -97 dBm for In Building Residential Coverage and -91 dBm for In Building Commercial Coverage.*

Q27. What is the approximate size of the coverage footprint (in square miles) for each frequency that would be installed at the proposed site?

A27. *The approximate size of the coverage footprint at the minimum design threshold for In Building Commercial Coverage (-91 dBm) is 0.186 sq. miles. The approximate size of the coverage footprint at the minimum design threshold for In Building Residential Coverage (-97 dBm) is 0.340 sq. miles.*

Q28. What would be the tower height necessary to achieve coverage objectives if all of the proposed antennas were mounted on a tower platform rather than in a multi-level flush mount configuration?

A28. *The tower height requirement would remain the same with T-Mobile antennas at 127' centerline since the high band frequencies (1900 MHz & 2100 MHz) that drive the need for the overall height are configured to be located at the 127-foot level with the 700 MHz channels located 10' lower.*

Q29. What methodology did T-Mobile use to determine a service need in this area?

A29. *T-Mobile relies on continually collected network data (drive data) including system statistics to identify areas of unreliable service and capacity constraints. Additionally, T-Mobile reviews customer complaints for a given area with regard to no service or poor service. For this area, T-Mobile has relied on drive data of the network in this area as well as less than desired performance statistics for the surrounding cells leading into this area.*

Q30. Identify site CTHA112 shown on the maps provided in Application Att. 1.

- A30. *The point labeled CTHA112 on the map is the location of the initial search ring center.*
- Q31. Referring to Application p. 8, is T-Mobile aware of any Public Safety Answering Points in the area of the proposed site that are able to accept T-Mobile's Text-to-911 capability?
- A31. *No, at this time, there is no viable interface between T-Mobile and the State of Connecticut Public Safety Answering Points to process text-to-911 services from T-Mobile. This capability is expected in the near future.*

Emergency Power

- Q32. Would the proposed emergency generator run periodically for maintenance purposes? If so, at what frequency and duration? Could such testing be scheduled for daytime hours?
- A32. *The proposed emergency backup generator will be exercised every other week for approximately 20-30 minutes. This maintenance will be scheduled to occur during the day.*
- Q33. If power is lost, does the emergency generator start immediately or is there a temporary loss of power affecting service? Is there a battery unit associated with the cabinet to prevent a reboot condition?
- A33. *When there is a loss of commercial power, the facility will continue to operate without a loss of service first by backup batteries. The proposed emergency backup generator, which is a DC generator, will start once it senses that the battery DC voltage is below a set threshold, usually 48 VDC. The DC generator will start once it senses that the batteries need to be charged.*
- Q34. Could an emergency generator be installed at the site to provide emergency power to two or more carriers? If so, what would be the contemplated size, fuel, and run time assuming full carrier loading before refueling is necessary?
- A34. *Yes, SectorSite can deploy a shared generator at the site for use by two or more carrier tenants. The specifics of the shared emergency generator would be determined by the needs of the tenants.*

CERTIFICATE OF SERVICE

I hereby certify that on this day, an original and fifteen (15) copies of the foregoing was sent electronically and delivered to the Connecticut Siting Council.

Dated: February 8, 2018



Lucia Chiochio

cc: Town of Farmington
SectorSite
T-Mobile
Hudson Design Group, LLC
Centerline Communications
EBI
APT

ATTACHMENT 1



445 Hamilton Avenue, 14th Floor
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T 914 761 1300
F 914 761 5372
cuddyfeder.com

Lucia Chiocchio, Esq.
lchiocchio@cuddyfeder.com

January 9, 2018

VIA FIRST CLASS MAIL

Flanders, Jessica M
7 Brookshire Ln
Farmington, CT 06032

Re: SectorSite and T-Mobile
Wireless Telecommunications Tower Facility
2 Westwoods Drive, Farmington, Connecticut

Dear Ms. Flanders:

Our office previously attempted to contact you on behalf of our clients, SectorSite and T-Mobile, with respect to the above-referenced matter. A certified return receipt envelope was sent to your attention on December 19, 2017 but a signed receipt was not returned. The address listed for you corresponds with the records on file with the Town of Farmington Tax Assessor's Office as an owner of property abutting the subject parcel detailed in the attached notice. This letter along with a copy of the notice sent on December 19, 2017 is being sent via first class mail in the hope that this method may be successful in reaching you.

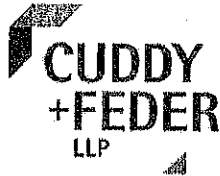
If you have any questions concerning this information, please do not hesitate to contact us.

Very truly yours,

A handwritten signature in cursive script that reads 'Lucia Chiocchio'.

Lucia Chiocchio

Enclosures



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December 19, 2017

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Flanders, Jessica M
7 Brookshire Ln
Farmington, CT 06032

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State law requires that record owners of property abutting a parcel on which a facility is proposed be sent notice of an applicant's intent to file an application with the Siting Council. The Facility candidate is located on Town-owned property at 2 Westwoods Drive in Farmington, Connecticut. Included with this letter please find a Notice of this application with details of the proposed Facility.

The location, height and other features of the Facility are subject to review and potential change by the Connecticut Siting Council under the provisions of Connecticut General Statutes §16-50g *et seq.*

If you have any questions concerning this application, please contact the Connecticut Siting Council or the undersigned after December 22, 2017, the date which the application is expected to be on file.

Very truly yours,

A handwritten signature in cursive script that reads 'Lucia Chiochio'.

Lucia Chiochio

Enclosure

NOTICE

Notice is hereby given, pursuant to Section 16-50(b) of the Connecticut General Statutes and Section 16-501-1(e) of the Regulations of Connecticut State Agencies of an Application to be filed with the Connecticut Siting Council ("Siting Council") on or after December 22, 2017 by SectorSite, LLC ("SectorSite") together with T-Mobile for a certificate of environmental compatibility and public need for the construction and maintenance of a wireless telecommunications facility in Farmington, Connecticut.

The proposed facility is located on a parcel of land owned by the Town of Farmington located at 2 Westwoods Drive in the Town of Farmington and identified on the Town of Farmington Assessor's Map as Map/Block/Lot 0125-5 (the "Property"). The proposed facility would be located on the eastern portion of the Property and will consist of a stealth flagpole antenna structure approximately 130 feet above grade ("AGL"). The Property is an approximately 230-acre parcel which currently has a golf course on the western portion and a fire station and cornfield on the eastern portion. The Facility is proposed to allow commercial wireless services in southwest Farmington in the area surrounding the intersection of Routes 6 and 177. Unmanned ground equipment will be contained in a 2,500 square foot fenced equipment compound area at the base of the flagpole. Vehicle and utility access to the facility would be from Westwoods Drive over the existing paved driveway, then along a proposed gravel access drive extension leading to the proposed tower compound.

The location, height and other features of the proposed Facility are subject to review and potential change under provisions of the Connecticut General Statutes Sections 16-50g et. seq.

The Application explains the need, purpose and benefits of the facility and also describes the environmental impacts of the proposed facility. The facility will be available for co-location by other wireless carriers.

A balloon, representative of the proposed height of the facility, will be flown at the proposed site on the first day of the Siting Council public hearing on the Application, which will take place in the Town of Farmington, or such other date specified by the Siting Council and a time to be determined by the Siting Council, but anticipated to be between the hours of 12pm and 5pm.

Interested parties and residents of Farmington, Connecticut are invited to review the Application during normal business hours after December 22, 2017 when the application is anticipated to be filed, at the following offices:

Connecticut Siting
Council
10 Franklin Square
New Britain, CT 06051

Paula B. Ray
Town Clerk
Town of Farmington
1 Monteith Drive
Farmington, CT 06032

or the offices of the undersigned. All inquiries should be addressed to the Connecticut Siting Council or to the undersigned.

Lucia Chiochio, Esq.
Cuddy & Feder LLP
445 Hamilton Ave, 14th Floor
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Attorneys for the Applicants



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Lucia Chiochio, Esq.
lchiochio@cuddyfeder.com

January 9, 2018

VIA FIRST CLASS MAIL

McCabe, Kelly W & Lea L
349 Ivy Dr
Bristol, CT 06010

Re: SectorSite and T-Mobile
Wireless Telecommunications Tower Facility
2 Westwoods Drive, Farmington, Connecticut

Dear Ms. McCabe:

Our office previously attempted to contact you on behalf of our clients, SectorSite and T-Mobile, with respect to the above-referenced matter. A certified return receipt envelope was sent to your attention on December 19, 2017 but a signed receipt was not returned. The address listed for you corresponds with the records on file with the City of Bristol Tax Assessor's Office as an owner of property abutting the subject parcel detailed in the attached notice. This letter along with a copy of the notice sent on December 19, 2017 is being sent via first class mail in the hope that this method may be successful in reaching you.

If you have any questions concerning this information, please do not hesitate to contact us.

Very truly yours,

A handwritten signature in cursive script that reads 'Lucia Chiochio'. The signature is fluid and matches the printed name below it.

Lucia Chiochio

Enclosures



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December 19, 2017

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McCabe, Kelly W & Lea L
349 Ivy Dr
Bristol, CT 06010

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Wireless Telecommunications Tower Facility
2 Westwoods Drive, Farmington, Connecticut

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State law requires that record owners of property abutting a parcel on which a facility is proposed be sent notice of an applicant's intent to file an application with the Siting Council. The Facility candidate is located on Town-owned property at 2 Westwoods Drive in Farmington, Connecticut. Included with this letter please find a Notice of this application with details of the proposed Facility.

The location, height and other features of the Facility are subject to review and potential change by the Connecticut Siting Council under the provisions of Connecticut General Statutes §16-50g et seq.

If you have any questions concerning this application, please contact the Connecticut Siting Council or the undersigned after December 22, 2017, the date which the application is expected to be on file.

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The location, height and other features of the proposed Facility are subject to review and potential change under provisions of the Connecticut General Statutes Sections 16-50g et. seq.

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Lucia Chiocchio, Esq.
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January 9, 2018

VIA FIRST CLASS MAIL

Clement, Joyce
168 Old Turnpike Rd
Bristol, CT 06010

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Connecticut Siting
Council
10 Franklin Square
New Britain, CT 06051

Paula B. Ray
Town Clerk
Town of Farmington
1 Monteith Drive
Farmington, CT 06032

or the offices of the undersigned. All inquiries should be addressed to the Connecticut Siting Council or to the undersigned.

Lucia Chiocchio, Esq.
Cuddy & Feder LLP
445 Hamilton Ave, 14th Floor
White Plains, New York 10601
(914) 761-1300
Attorneys for the Applicants



445 Hamilton Avenue, 14th Floor
White Plains, New York 10601
T 914 761 1300
F 914 761 5372
cuddyfeder.com

Lucia Chiochio, Esq.
lchiochio@cuddyfeder.com

January 9, 2018

VIA FIRST CLASS MAIL

Dobrynski, Craig
58 Old Turnpike Rd
Bristol, CT 06010

Re: SectorSite and T-Mobile
Wireless Telecommunications Tower Facility
2 Westwoods Drive, Farmington, Connecticut

Dear Mr. Dobrynski:

Our office previously attempted to contact you on behalf of our clients, SectorSite and T-Mobile, with respect to the above-referenced matter. A certified return receipt envelope was sent to your attention on December 19, 2017 but a signed receipt was not returned. The address listed for you corresponds with the records on file with the City of Bristol Tax Assessor's Office as an owner of property abutting the subject parcel detailed in the attached notice. This letter along with a copy of the notice sent on December 19, 2017 is being sent via first class mail in the hope that this method may be successful in reaching you.

If you have any questions concerning this information, please do not hesitate to contact us.

Very truly yours,

A handwritten signature in cursive script that reads 'Lucia Chiochio'.

Lucia Chiochio

Enclosures



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F 914 761 5372
cuddyfeder.com

December 19, 2017

**VIA CERTIFIED MAIL/
RETURN RECEIPT**

Dobrynski, Craig
58 Old Turnpike Rd
Bristol, CT 06010

Re: SectorSite and T-Mobile
Wireless Telecommunications Tower Facility
2 Westwoods Drive, Farmington, Connecticut

Dear Sir or Madam,

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State law requires that record owners of property abutting a parcel on which a facility is proposed be sent notice of an applicant's intent to file an application with the Siting Council. The Facility candidate is located on Town-owned property at 2 Westwoods Drive in Farmington, Connecticut. Included with this letter please find a Notice of this application with details of the proposed Facility.

The location, height and other features of the Facility are subject to review and potential change by the Connecticut Siting Council under the provisions of Connecticut General Statutes §16-50g et seq.

If you have any questions concerning this application, please contact the Connecticut Siting Council or the undersigned after December 22, 2017, the date which the application is expected to be on file.

Very truly yours,

A handwritten signature in cursive script that reads 'Lucia Chiochio'.

Lucia Chiochio

Enclosure

NOTICE

Notice is hereby given, pursuant to Section 16-507(b) of the Connecticut General Statutes and Section 16-507-1(e) of the Regulations of Connecticut State Agencies of an Application to be filed with the Connecticut Siting Council ("Siting Council") on or after December 22, 2017 by SectorSite, LLC ("SectorSite") together with T-Mobile for a certificate of environmental compatibility and public need for the construction and maintenance of a wireless telecommunications facility in Farmington, Connecticut.

The proposed facility is located on a parcel of land owned by the Town of Farmington located at 2 Westwoods Drive in the Town of Farmington and identified on the Town of Farmington Assessor's Map as Map/Block/Lot 0125-5 (the "Property"). The proposed facility would be located on the eastern portion of the Property and will consist of a stealth flagpole antenna structure approximately 130 feet above grade ("AGL"). The Property is an approximately 230-acre parcel which currently has a golf course on the western portion and a fire station and cornfield on the eastern portion. The Facility is proposed to allow commercial wireless services in southwest Farmington in the area surrounding the intersection of Routes 6 and 177. Unmanned ground equipment will be contained in a 2,500 square foot fenced equipment compound area at the base of the flagpole. Vehicle and utility access to the facility would be from Westwoods Drive over the existing paved driveway, then along a proposed gravel access drive extension leading to the proposed tower compound.

The location, height and other features of the proposed Facility are subject to review and potential change under provisions of the Connecticut General Statutes Sections 16-50g et. seq.

The Application explains the need, purpose and benefits of the facility and also describes the environmental impacts of the proposed facility. The facility will be available for co-location by other wireless carriers.

A balloon, representative of the proposed height of the facility, will be flown at the proposed site on the first day of the Siting Council public hearing on the Application, which will take place in the Town of Farmington, or such other date specified by the Siting Council and a time to be determined by the Siting Council, but anticipated to be between the hours of 12pm and 5pm.

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Lucia Chiocchio, Esq.
lchiocchio@cuddyfeder.com

January 9, 2018

VIA FIRST CLASS MAIL

Grasso, Gerard F & Jayne
148 Old Turnpike Rd
Bristol, CT 06010

Re: SectorSite and T-Mobile
Wireless Telecommunications Tower Facility
2 Westwoods Drive, Farmington, Connecticut

Dear Mr. and Mrs. Grasso:

Our office previously attempted to contact you on behalf of our clients, SectorSite and T-Mobile, with respect to the above-referenced matter. A certified return receipt envelope was sent to your attention on December 19, 2017 but a signed receipt was not returned. The address listed for you corresponds with the records on file with the City of Bristol Tax Assessor's Office as an owner of property abutting the subject parcel detailed in the attached notice. This letter along with a copy of the notice sent on December 19, 2017 is being sent via first class mail in the hope that this method may be successful in reaching you.

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Very truly yours,

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Lucia Chiocchio

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December 19, 2017

**VIA CERTIFIED MAIL/
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148 Old Turnpike Rd
Bristol, CT 06010

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State law requires that record owners of property abutting a parcel on which a facility is proposed be sent notice of an applicant's intent to file an application with the Siting Council. The Facility candidate is located on Town-owned property at 2 Westwoods Drive in Farmington, Connecticut. Included with this letter please find a Notice of this application with details of the proposed Facility.

The location, height and other features of the Facility are subject to review and potential change by the Connecticut Siting Council under the provisions of Connecticut General Statutes §16-50g et seq.

If you have any questions concerning this application, please contact the Connecticut Siting Council or the undersigned after December 22, 2017, the date which the application is expected to be on file.

Very truly yours,

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Lucia Chiochio

Enclosure

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The proposed facility is located on a parcel of land owned by the Town of Farmington located at 2 Westwoods Drive in the Town of Farmington and identified on the Town of Farmington Assessor's Map as Map/Block/Lot 0125-5 (the "Property"). The proposed facility would be located on the eastern portion of the Property and will consist of a stealth flagpole antenna structure approximately 130 feet above grade ("AGL"). The Property is an approximately 230-acre parcel which currently has a golf course on the western portion and a fire station and cornfield on the eastern portion. The Facility is proposed to allow commercial wireless services in southwest Farmington in the area surrounding the intersection of Routes 6 and 177. Unmanned ground equipment will be contained in a 2,500 square foot fenced equipment compound area at the base of the flagpole. Vehicle and utility access to the facility would be from Westwoods Drive over the existing paved driveway, then along a proposed gravel access drive extension leading to the proposed tower compound.

The location, height and other features of the proposed Facility are subject to review and potential change under provisions of the Connecticut General Statutes Sections 16-50 et. seq.

The Application explains the need, purpose and benefits of the facility and also describes the environmental impacts of the proposed facility. The facility will be available for co-location by other wireless carriers.

A balloon, representative of the proposed height of the facility, will be flown at the proposed site on the first day of the Siting Council public hearing on the Application, which will take place in the Town of Farmington, or such other date specified by the Siting Council and a time to be determined by the Siting Council, but anticipated to be between the hours of 12pm and 5pm.

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cuddyfeder.com

Lucia Chiocchio, Esq.
lchiocchio@cuddyfeder.com

January 9, 2018

VIA FIRST CLASS MAIL

Rock Builders LLC
8612 Peggy Ln
Farmington, CT 06032

Re: SectorSite and T-Mobile
Wireless Telecommunications Tower Facility
2 Westwoods Drive, Farmington, Connecticut

Dear Sir or Madam:

Our office previously attempted to contact you on behalf of our clients, SectorSite and T-Mobile, with respect to the above-referenced matter. A certified return receipt envelope was sent to your attention on December 19, 2017 but a signed receipt was not returned. The address listed for you corresponds with the records on file with the Town of Farmington Tax Assessor's Office as an owner of property abutting the subject parcel detailed in the attached notice. This letter along with a copy of the notice sent on December 19, 2017 is being sent via first class mail in the hope that this method may be successful in reaching you.

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Lucia Chiochio

Enclosure

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(914) 761-1300
Attorneys for the Applicants

ATTACHMENT 2



Mail Processing Center
 Federal Aviation Administration
 Southwest Regional Office
 Obstruction Evaluation Group
 10101 Hillwood Parkway
 Fort Worth, TX 76177

Aeronautical Study No.
 2017-ANE-3746-OE
 Prior Study No.
 2006-ANE-1276-OE

Issued Date: 01/25/2018

Dan Gechtman
 SectorSite, LLC
 PO Box 255
 MENDHAM, NJ 07945

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Flagpole Farmington
 Location: Farmington, CT
 Latitude: 41-42-37.40N NAD 83
 Longitude: 72-52-54.90W
 Heights: 296 feet site elevation (SE)
 130 feet above ground level (AGL)
 426 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure would have no substantial adverse effect on the safe and efficient utilization of the navigable airspace by aircraft or on the operation of air navigation facilities. Therefore, pursuant to the authority delegated to me, it is hereby determined that the structure would not be a hazard to air navigation provided the following condition(s) is(are) met:

As a condition to this Determination, the structure is to be marked/lighted with Flood Lighting.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

See attachment for additional condition(s) or information.

Any height exceeding 130 feet above ground level (426 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 07/25/2019 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is subject to review if an interested party files a petition that is received by the FAA on or before February 24, 2018. In the event a petition for review is filed, it must contain a full statement of the basis upon which it is made and be submitted to the Manager of the Airspace Policy Group. Petitions can be submitted via mail to Federal Aviation Administration, 800 Independence Ave, SW, Room 423, Washington, DC 20591, via email at OEPetitions@faa.gov, or via facsimile (202) 267-9328.

This determination becomes final on March 06, 2018 unless a petition is timely filed. In which case, this determination will not become final pending disposition of the petition. Interested parties will be notified of the grant of any review. For any questions regarding your petition, please contact Airspace Policy Group via telephone – 202-267-8783.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

This aeronautical study considered and analyzed the impact on existing and proposed arrival, departure, and en route procedures for aircraft operating under both visual flight rules and instrument flight rules; the impact on all existing and planned public-use airports, military airports and aeronautical facilities; and the cumulative impact resulting from the studied structure when combined with the impact of other existing or proposed structures. The study disclosed that the described structure would have no substantial adverse effect on air navigation.

An account of the study findings, aeronautical objections received by the FAA during the study (if any), and the basis for the FAA's decision in this matter can be found on the following page(s).

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

This determination cancels and supersedes prior determinations issued for this structure.

If we can be of further assistance, please contact Darin Clipper, at (404) 305-6531, or darin.clipper@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2017-ANE-3746-OE.

Signature Control No: 345384527-354260576

(DNH)

Mike Helvey

Manager, Obstruction Evaluation Group

Attachment(s)

Additional Information

Case Description

Frequency Data

Map(s)

cc: FCC

Additional information for ASN 2017-ANE-3746-OE

The proposed flag pole, not exceeding a height of 130 feet (ft.) above ground level (AGL), 426 ft. above means sea level (AMSL), would be located approximately 1.48 nautical miles (NM) northwest of Robertson Field's (4B8), airport reference point, Farmington, CT.

The proposal was issued a Notice of Presumed Hazard December 7, 2017 and a request for further study was received from the proponent on December 13, 2017. The proposal was circularized to the public for comment that same day, and after circularization to all known aviation interests and to non-aeronautical interests that may be affected by the proposal, no letters of objection were received as a result of circularization. There were no other comments or additional findings from other interested Federal Aviation Administration offices or internal FAA division responders.

The proposal was identified as an obstruction under the standards of Title 14, Code of Federal Regulations (CFR), Part 77, as applied to 4B8:

Section 77.17 (a) (5): The surface of a takeoff and landing area of an airport or any imaginary surface established under 77.19, 77.21, or 77.23. However, no part of the takeoff or landing area itself will be considered an obstruction.

Section 77.19 (a): A Horizontal plane 150 ft. above the established airport elevation, the perimeter of which is constructed by swinging arcs of a specified radii from the center of each end of the primary surface of each runway of each airport and connecting the adjacent arcs by lines tangent to those arcs. The proposal would exceed the Horizontal Surface by 75 ft.

The proposal would have no effect on any existing or proposed arrival, departure, or en route instrument flight rule (IFR) operations, minimum flight altitudes, minimum vectoring altitudes (MVA), or aeronautical procedures as it relates to both current and future runway extensions or proposals. Information on the proposal shall be forwarded for appropriate aeronautical charting.

The proposal exceeds 77.19 (a) as noted above, however, the proposal would not conflict with airspace required to conduct normal VFR traffic pattern and/or visual approach operations at 4B8 or any other known public use or military airports. The proposal would not require a VFR operation to change its regular flight course or altitude, restrict VFR operations in this area in any way, or create a dangerous situation during a critical phase of flight. The proposal would not have substantial adverse effects on any existing or proposed arrival or departure VFR operation or procedures. At up to 130 ft. AGL, the proposal would not have a substantial adverse effect on VFR en route flight operations or affect any helicopter VFR routes in the vicinity of this location.

Obstruction lighting is recommended (by flood light) to make the proposal more conspicuous to airmen should circumnavigation be necessary.

The cumulative impact of the proposal, when combined with other proposed and existing structures, is not considered to be significant. Study did not disclose any adverse effects on existing or proposed public-use or military airports or navigational facilities, nor does the proposal affect the capacity of any known existing or planned public-use or military airport.

Therefore, it is determined that the proposal would not have a substantial adverse effect on the safe and efficient utilization of the navigable airspace by aircraft or on any air navigation facility and would not be a hazard to air navigation as long as all conditions written within this determination are met.

Note: The proposal should be floodlighted by fixed search light projectors installed at three or more equidistant points around the base of each obstruction. The searchlight projectors should provide an average illumination of at least 15 foot-candles (161.45 lux) over the top one-third of the obstruction.

Case Description for ASN 2017-ANE-3746-OE

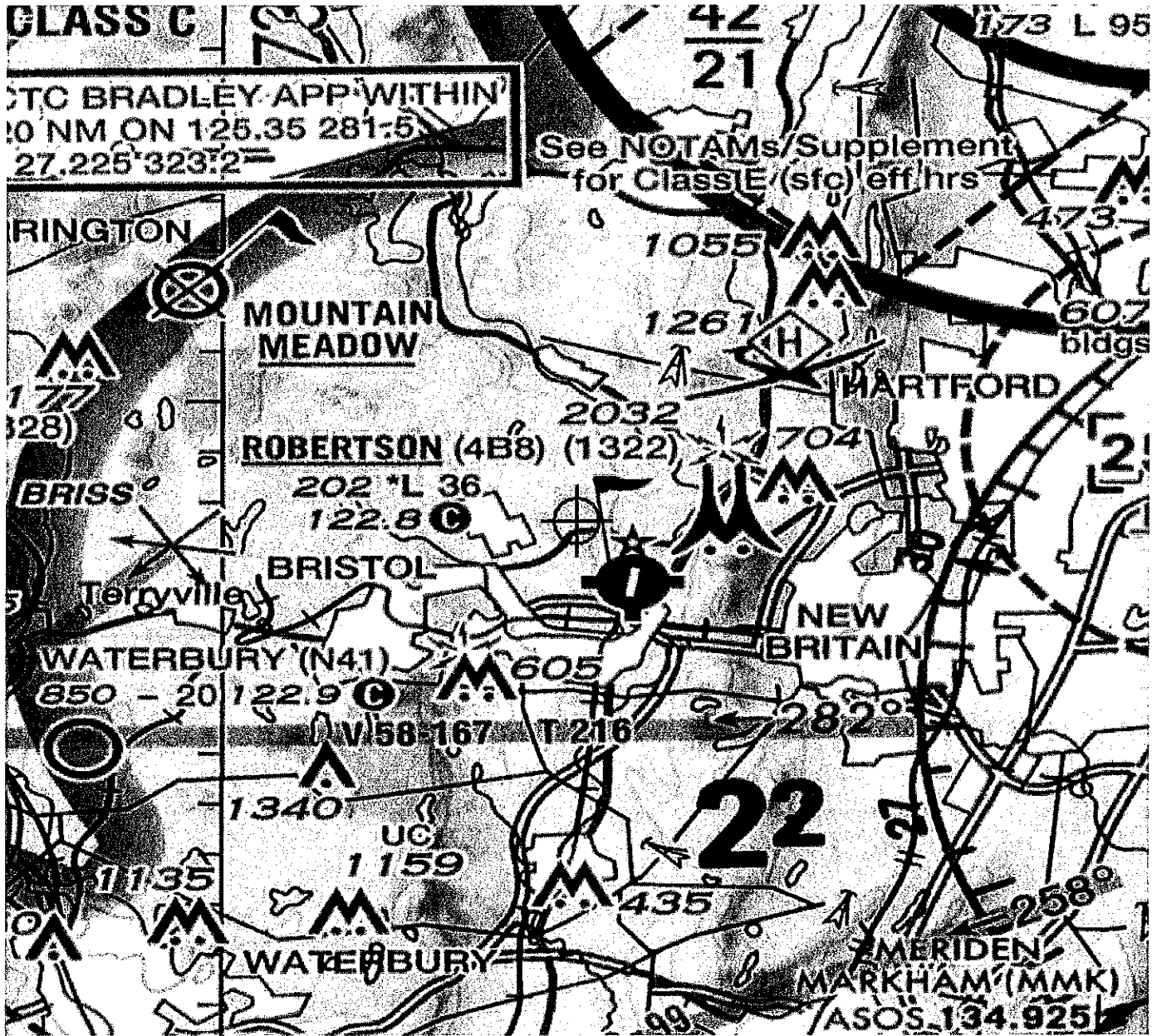
Proposed 130 feet AGL flagpole, with antennas stealthed internally, for wireless communication purposes.

Frequency Data for ASN 2017-ANE-3746-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
806	824	MHz	500	W
806	901	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
929	932	MHz	3500	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W

TOPO Map for ASN 2017-ANE-3746-OE





ATTACHMENT 3

HMB Acoustics LLC

3 Cherry Tree Lane, Avon, CT 06001

HMB

860-677-5955

Noise Evaluation Report

SectorSite LLC
T-Mobile
Site Number: CT-119
A Proposed Telecommunications Facility
Farmington Southwest Fire Dept.
2 Westwoods Drive
Farmington, CT

February 5, 2018

Prepared For:
Douglas Roberts
Hudson Design Group LLC
110 Washington Avenue
North Haven, CT

Prepared By:
Allan Smardin
HMB Acoustics LLC
3 Cherry Tree Lane
Avon, CT

Introduction

A new telecommunications facility is being proposed, and will be located behind the Farmington Southwest Fire Dept. at 2 Westwoods Drive. The facility will include a Delta PowerGen 7500 emergency generator, and 4 equipment cabinets. This equipment will be in a 48' x 48' compound, which will be surrounded by an 8' high chainlink fence. The purpose of this noise evaluation is to determine whether the emergency generator and equipment cabinets will comply with the State of CT Noise Regulations.

On February 3, 2018, background noise levels were taken in areas around the proposed site. These levels measured, on average, 45-50 dBA. The major source of the noise is caused by vehicular traffic. The proposed site is bordered by Plainville Avenue to the north and east; Cutler Lane, Cape Farms Road, and Tall Timbers Dr. to the northwest; Brookshire Lane is to the South, and Peggy Lane is to the Southwest. The Westwoods Country Club is to the west.

It is important to note that the generator operates approximately 5-20 minutes every other week for testing. All testing is carried out during the daytime hours. Other than these testing periods, the generator runs only in times of emergency when commercial power to the facility is interrupted. This report and the noise regulations utilize a dBA scale. This scale is used because it closely approximates the response characteristic of the human ear to loudness, and is the scale most commonly used in the measurement of community noise.

Noise Regulations

The State of CT has enacted regulations which limit the amount of noise which may be transferred from one property to another. In pertinent part, the Regulations provide as follows:

Daytime hours are between 7 a.m. and 10 p.m. local time.

Nighttime hours are between 10 p.m. and 7 a.m. local time.

Exclusions -

Noise created as a result of sounding an alarm relating to a fire or civil preparedness.
(Sec. 22a-69-1.7(e)).

Back-up alarms required by OSHA or there State and Federal safety regulations.
(Sec. 22a-69-1.7(h)).

Exemptions -

Noise created as a result of, or relating to an emergency.
(Sec. 22a-69-1.8(f)).

No person in a Class "A" Residential Noise Zone shall emit noise to a Class "A" Residential Receptor, or to a Class "B" Commercial Receptor that exceeds the allowable levels below:

Allowable Noise Levels

Class "A" Residential Emitter to Class "A" Residential Receptors

"A"/Day	"A"/Night
55 dBA	45 dBA

Class "A" Residential Emitter to a Class "C" Commercial Receptor

Day / Night
55 dBA

(Sec. 22a-69-3.5 c and b).

Noise Evaluation Results

The noise levels (dBA), take into account the effect of acoustical shielding provided by other structures on the premises.

Calculated Noise Levels (dBA)

The Generator and Cabinet Noise Levels Have Been Projected
To The Nearest Abutters In The Directions Listed Below

	Projected Noise Level
North (Residential)	29 dBA
South (Residential)	35 dBA
East (Residential)	34 dBA
West (Commercial)	21 dBA

Conclusion

The calculated noise data demonstrates that the noise levels meet the conditions for compliance as set forth in the State of CT Regulations.

ATTACHMENT 4



Department of Economic and
Community Development

State Historic Preservation Office

January 24, 2018

Ms. Megan Ricks Gomez
Architectural Historian
EBI Consulting
21 B Street
Burlington, MA 01803

Subject: Proposed Communications Facility
Farmington Southwest Fire Department
2 Westwoods Drive
Farmington, CT

Dear Ms. Ricks Gomez:

The State Historic Preservation Office is in receipt of the submitted proposal for the above-referenced project, submitted for review and comment pursuant to the National Historic Preservation Act and in accordance with Federal Communications Commission regulations.

The property located at 2 Westwoods Drive is neither listed nor has been determined to be eligible for listing in the National Register of Historic Places (NR).

The proposed scope of work includes the installation of a new 130-foot stealth flagpole tower and support equipment within a 48-foot by 48-foot fenced compound within a 50-foot by 50-foot lease area. Ancillary equipment, including a pad-mounted transformer and telephone cabinet, will be installed along the eastern side of the tower compound. An existing access drive, originating from Westwoods Drive will be expanded to include a 10-foot wide access road and turnaround. Underground utilities are proposed to be run from the facility to an existing utility pole located south of the proposed lease area.

State Historic Preservation Office

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The area possess moderate sensitivity to yield intact archaeological deposits. Most of the area proposed for ground disturbance is located within an existing cornfield, and approximately 700-feet from the nearest freshwater source, Scott Swamp Brook, to the southwest. There are no known archaeological sites within a 1-mile radius of the project site. A filed survey conducted October 5, 2017 revealed no cultural resources either on the ground surface or within the nine shovel test pits conducted. Additionally, field tests revealed soils consisting of approximately 50% gravel and cobbles.

The SHPO concurs with EBI's determination that the work proposed will not impact historic resources. Based on the information provided to this office, no historic properties will be affected. However, if construction plans change to include any areas that have not been previously surveyed, additional survey should be undertaken and SHPO should be contacted for additional consultation.

It should be noted that, in future, careful examination of indirect effects to potential resources within the area of Potential Effect (APE) should be undertaken before a recommendation is submitted. Within the subject property is the Joseph Fagan House (c. 1916), identified within a Historic Resource Survey (HRI) conducted in 1985, which is available digitally from the University of Connecticut's Dodd Center University Archives and Special Collections. The structure is located approximately 500 feet from the project site, and should have been described when evaluating the effects to historic resources.

The State Historic Preservation Office appreciates the opportunity to review and comment upon this project. These comments are provided in accordance with the Connecticut Environmental Policy Act and Section 106 of the National Historic Preservation Act. For further information please contact Marena Wisniewski, Environmental Reviewer, at (860) 500-2357 or marena.wisniewski@ct.gov.

Sincerely,



Catherine Labadia
Deputy State Historic Preservation Officer

State Historic Preservation Office

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ATTACHMENT 5

Photographic Simulation Package

Proposed Wireless Telecommunications Facility:

CT119 Farmington South West
2 Westwoods Drive
Farmington, CT 06031

- Balloon Test Conducted 7/13/17
- Proposed 130ft Stealth Flagpole Telecommunications Facility
- Photo Simulation With Flag
- Note: Photo Simulations #2 & #3 have been revised to show compound at base of tower 1/29/18

Package prepared by:

Virtual Site Simulations, LLC
28 Caswell Street
Suite 100
Narragansett, Rhode Island 02882

www.VirtualSiteSimulations.com
www.ThinkVSSFirst.com

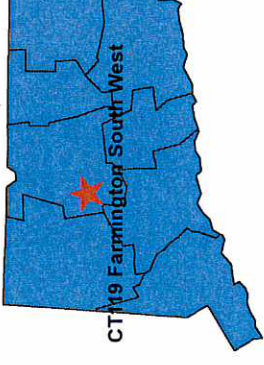
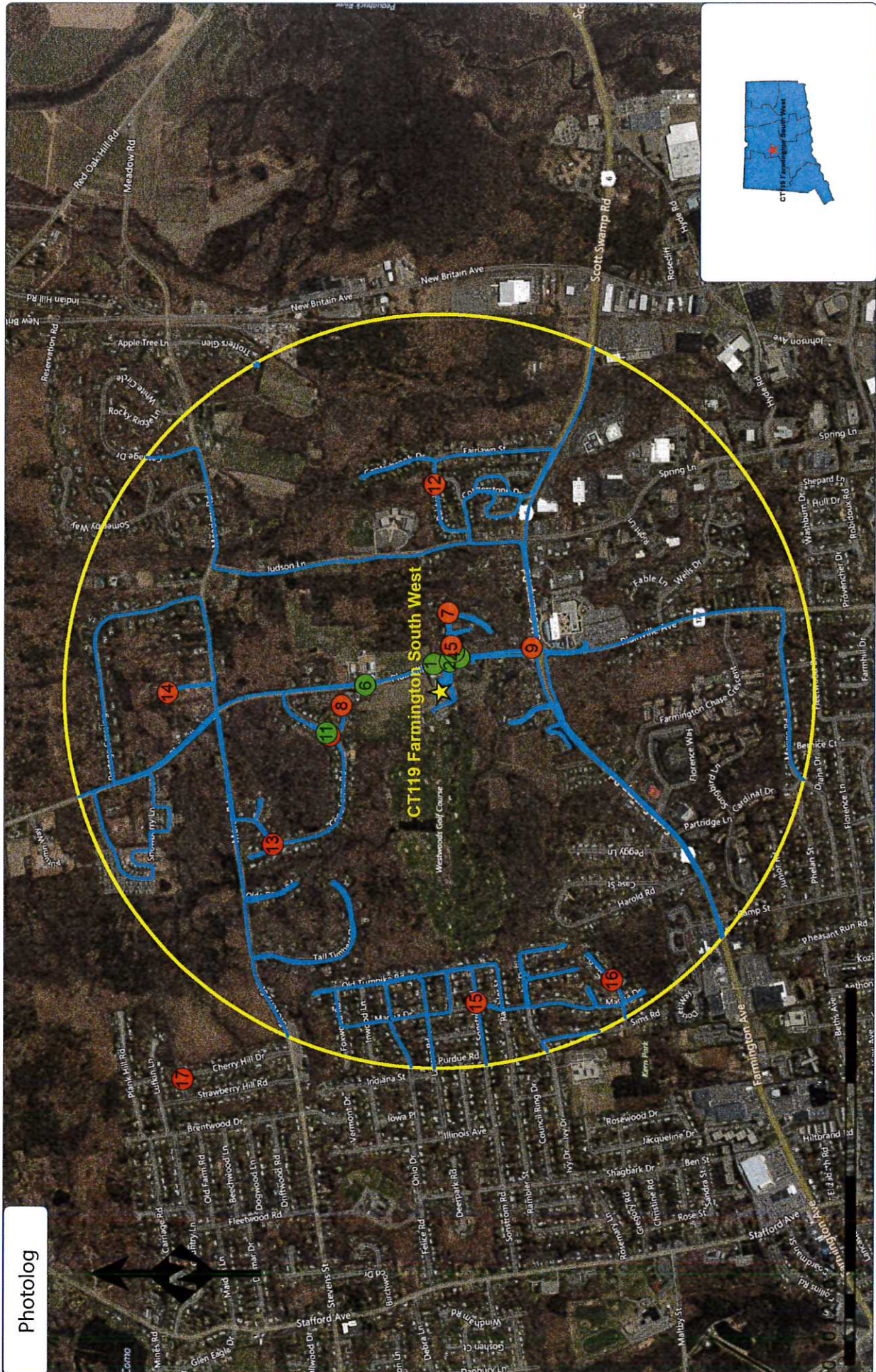


Photo Simulations are for demonstration purposes only. It should not be used in any other fashion or with any other intent. The accuracy of the resulting data is not guaranteed and is not for redistribution



Photolog



Wireless Telecommunications Facility:

CT119 Farmington South West
 2 Westwoods Drive
 Farmington, CT 06031

Legend:

- ★ Facility Location
- 1 Mile Radius
- Reconnaissance Track Log
- ⊗ Photo location - Balloon visible
- ⊗ - Year Round Visibility
- ⊗ Photo location - Balloon visible
- ⊗ - Obscured Visibility
- ⊗ Photo location - Balloon NOT visible

Photo Simulations are for demonstration purposes only. It should not be used in any other fashion or with any other intent. The accuracy of the resulting data is not guaranteed and is not for redistribution



Existing

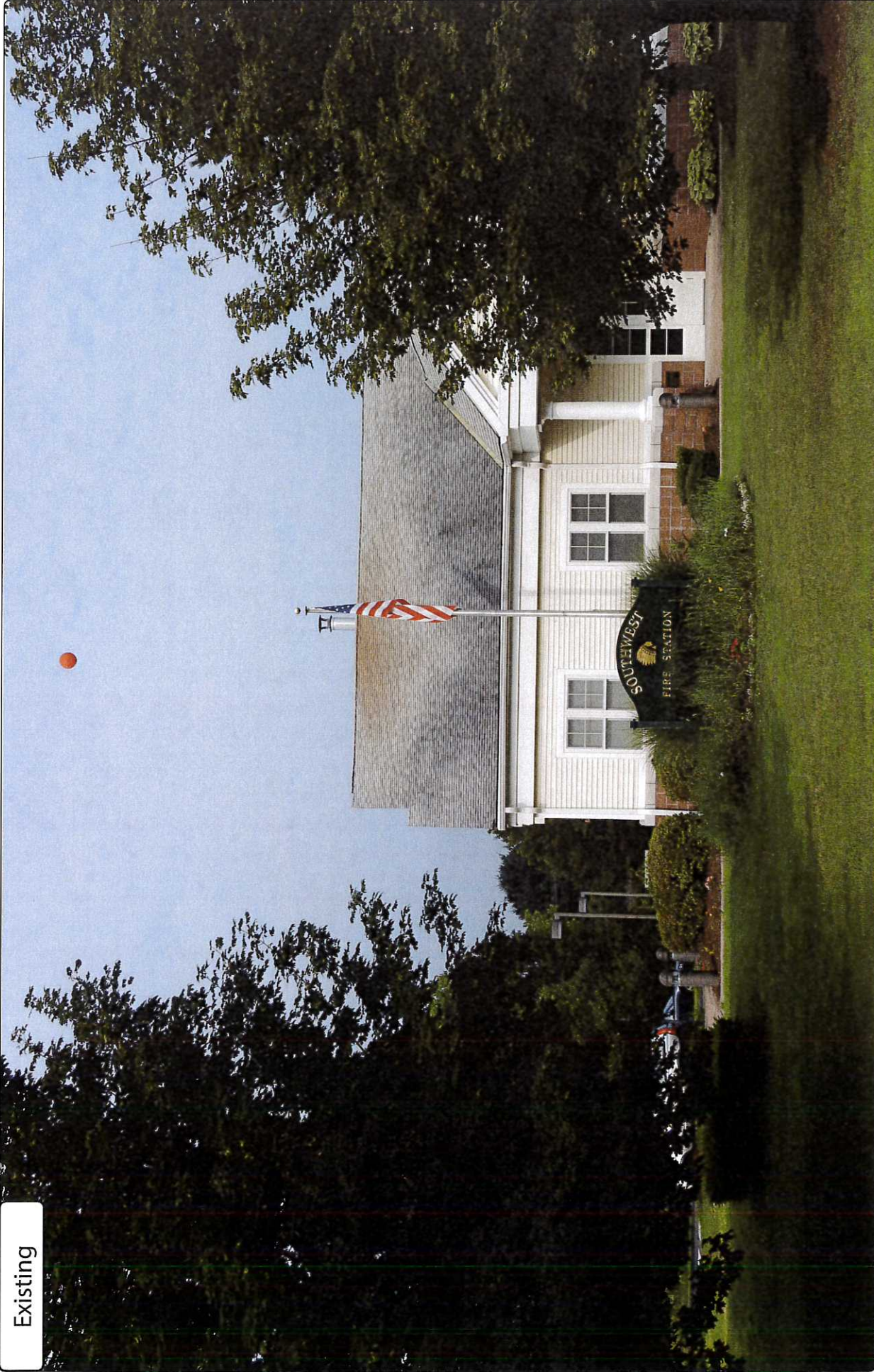


Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
1	741-779 Plainville Ave	41.71061 -72.88054	391.56 Feet	East	258	Year Round

Site: CT119 Farmington South West



Photo Simulations are for demonstration purposes only. It should not be used in any other fashion or with any other intent. The accuracy of the resulting data is not guaranteed and is not for redistribution

Simulation



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
1	741-779 Plainville Ave	41.71061 -72.88054	391.56 Feet	East	258	Year Round

Site: CT119 Farmington South West



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Existing



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
2	796 Plainville Ave	41.70998 -72.8804	445.35 Feet	East	290	Year Round

Site: CT119 Farmington South West

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Simulation



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
2	796 Plainville Ave	41.70998 -72.8804	445.35 Feet	East	290	Year Round

Site: CT119 Farmington South West

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Existing



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
3	796 Plainville Ave	41.70963 -72.8802	0.1 Miles	South-East	300	Year Round

Site: CT119 Farmington South West

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Simulation



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
3	796 Plainville Ave	41.70963 -72.8802	0.1 Miles	South-East	300	Year Round

Site: CT119 Farmington South West

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Existing



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
4	1-99 Pine Hollow Rd	41.70983 -72.87991	0.11 Miles	East	290	Year Round

Site: CT119 Farmington South West



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Simulation



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
4	1-99 Pine Hollow Rd	41.70983 -72.87991	0.11 Miles	East	290	Year Round

Site: CT119 Farmington South West



Photo Simulations are for demonstration purposes only. It should not be used in any other fashion or with any other intent. The accuracy of the resulting data is not guaranteed and is not for redistribution

Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
5	1-99 Pine Hollow Rd	41.70994 -72.87961	0.12 Miles	East	284	Not Visible

Site: CT119 Farmington South West



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Existing



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
6	746 Plainville Ave	41.71324 -72.88163	0.2 Miles	North	185	Year Round

Site: CT119 Farmington South West

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Simulation



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
6	746 Plainville Ave	41.71324 -72.88163	0.2 Miles	North	185	Year Round

Site: CT119 Farmington South West



Photo Simulations are for demonstration purposes only. It should not be used in any other fashion or with any other intent. The accuracy of the resulting data is not guaranteed and is not for redistribution

Existing

Balloon not visible from this location

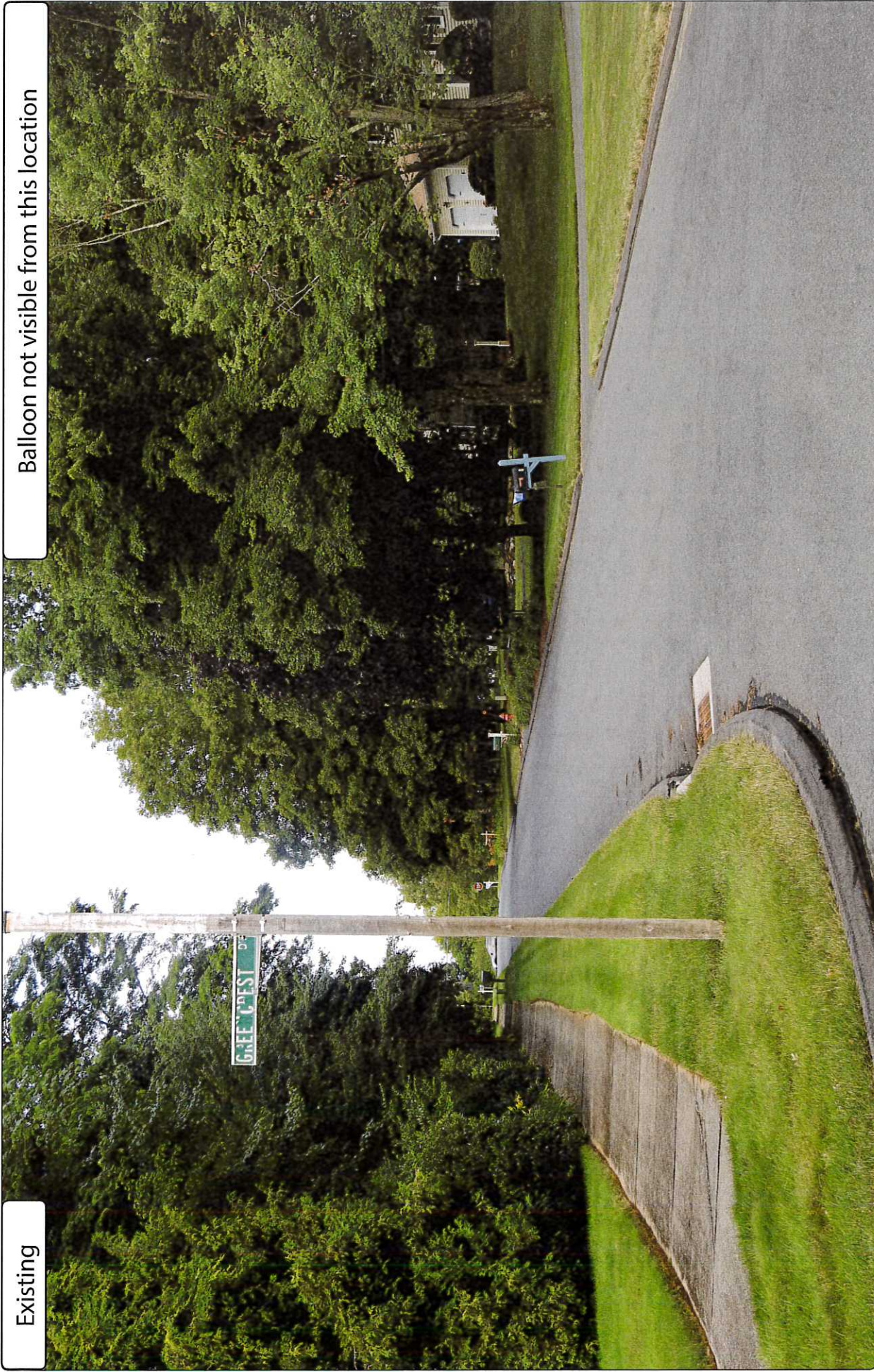


Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
7	1-99 Pine Hollow Rd	41.71007 -72.87791	0.21 Miles	East	276	Not Visible

Site: CT119 Farmington South West



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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
8	11 Cutler Ln	41.71417 -72.88267	0.26 Miles	North	172	Not Visible

Site: CT119 Farmington South West



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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
9	813-825 Plainville Ave	41.70683 -72.87969	0.27 Miles	South-East	335	Not Visible

Site: CT119 Farmington South West



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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
10	18 Cope Farms Rd	41.71463 -72.88421	0.32 Miles	North	158	Not Visible

Site: CT119 Farmington South West



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Existing



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
11	18 Cope Farms Rd	41.71476 -72.88408	0.32 Miles	North	160	Year Round

Site: CT119 Farmington South West

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Simulation



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
11	18 Cope Farms Rd	41.71476 -72.88408	0.32 Miles	North	160	Year Round

Site: CT119 Farmington South West



Photo Simulations are for demonstration purposes only. It should not be used in any other fashion or with any other intent. The accuracy of the resulting data is not guaranteed and is not for redistribution

Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
12	43-69 Baldwin Dr	41.7106 -72.87131	0.55 Miles	East	268	Not Visible

Site: CT119 Farmington South West



Photo Simulations are for demonstration purposes only. It should not be used in any other fashion or with any other intent. The accuracy of the resulting data is not guaranteed and is not for redistribution

Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
13	2-98 Hartfield Ln	41.71681 -72.88981	0.6 Miles	North-West	138	Not Visible

Site: CT119 Farmington South West



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Existing

Balloon not visible from this location

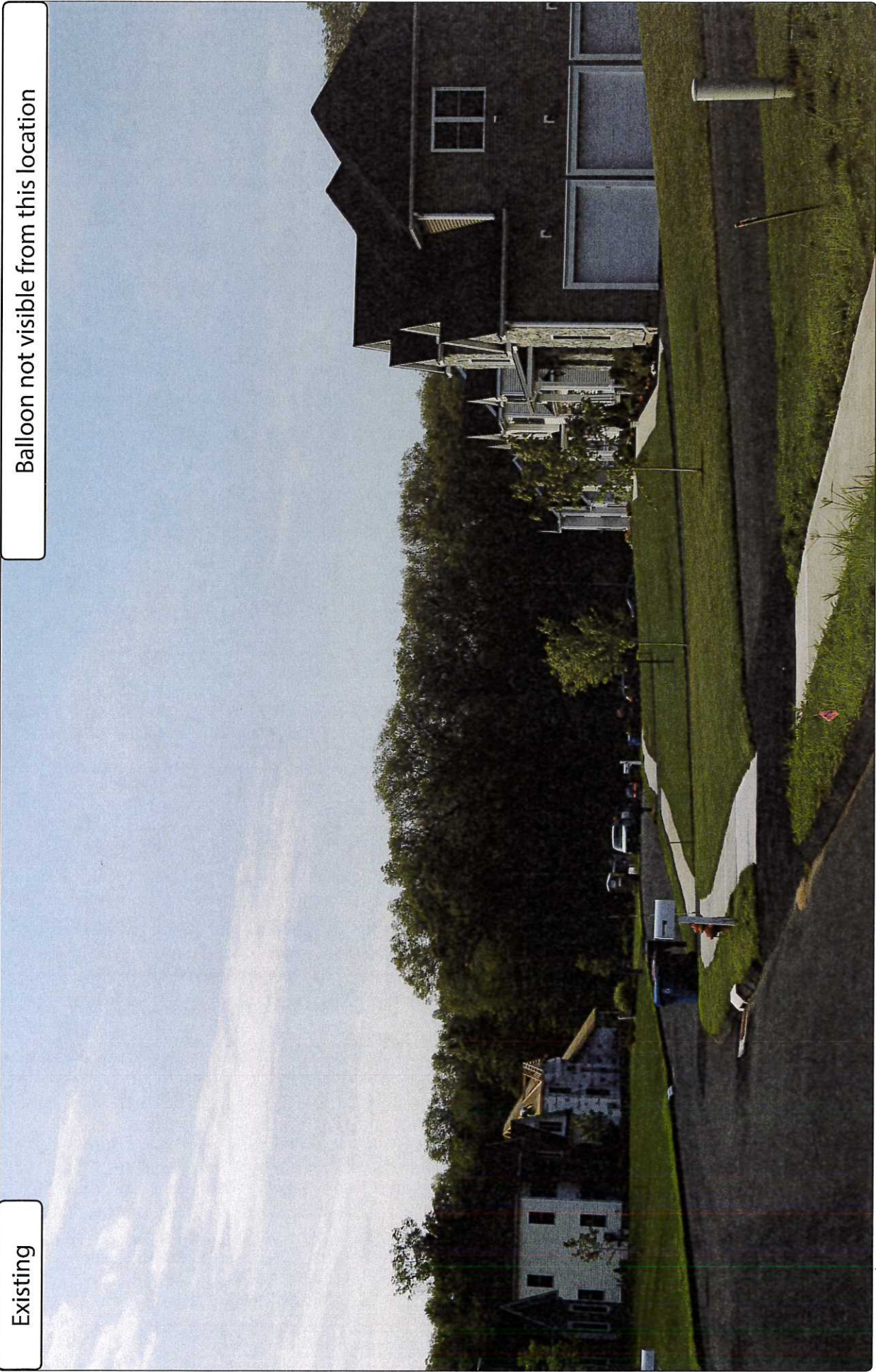


Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
14	Wisteria Ln	41.72089 -72.88201	0.73 Miles	North	180	Not Visible

Site: CT119 Farmington South West



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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
15	385 Sonstrom Rd	41.70893 -72.8979	0.83 Miles	West	83	Not Visible

Site: CT119 Farmington South West



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Existing

Balloon not visible from this location

Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
16	65 Couture Dr	41.70366 -72.89675	0.89 Miles	South-West	59	Not Visible

Site: CT119 Farmington South West

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Existing

Balloon not visible from this location



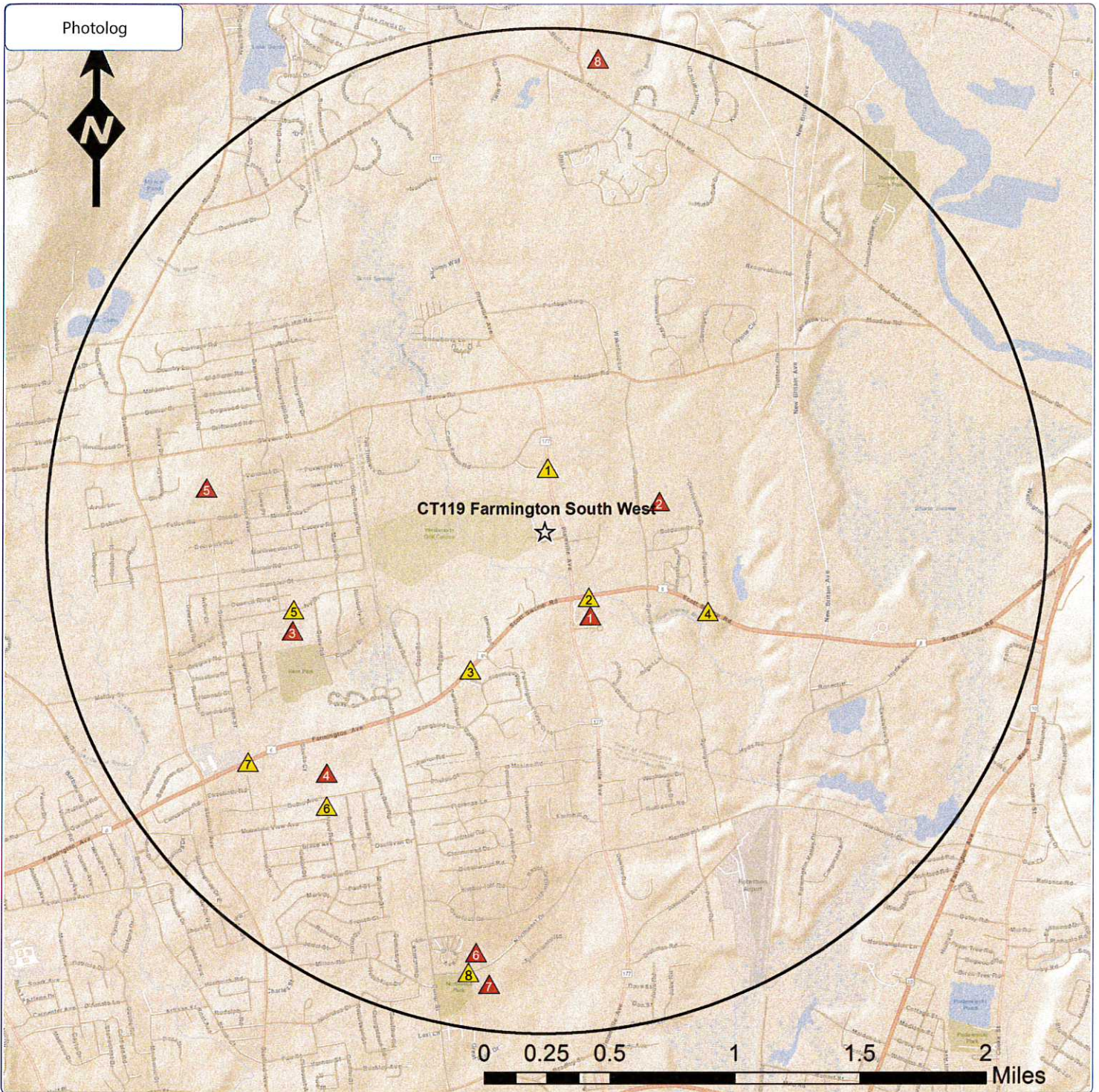
Photo #	Location	Gps Coordinates	Distance to site	Orientation	Bearing to site	Visibility
17	25 Cranberry Ln	41.72024 -72.90186	1.23 Miles	North-West	124	Not Visible

Site: CT119 Farmington South West

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ATTACHMENT 6



Schools and Daycares Map:

CT119 Farmington South
 2 Westwoods Drivet
 Farmington, CT 06031

-  Site
-  2 mile Radius
-  School locations
-  Licensed Daycare Facilities



Project Name: CT119 Farmington South West

Proposed Tower Height (ft AGL): 130

GPS Location: Lat: 41.71038 Long: 72.88194

Schools and Daycare Listing - 2 Mile Radius

CT119 Farmington South
2 Westwoods Drivet
Farmington, CT 06031

Project Name: CT119 Farmington South

Proposed Tower Height (ft AGL): 130

GPS Location: Lat: 41.7103 Long: 72.8819

ID	 School Name	Address	Latitude	Longitude	Dist(Mi)
1	Tunxis Community-Technical College	271 Scott Swamp Rd, Farmington, CT 06032	41.7063	-72.8787	0.33
2	West Woods Upper Elementary School	50 Judson Ln., Farmington, CT 06032	41.7121	-72.8731	0.47
3	Ivy Drive Medically Fragile	160 Ivy Drive, Bristol, CT 06010	41.7029	-72.9015	1.13
	Ivy Drive GOAL	160 Ivy Drive, Bristol, CT 06010	41.7029	-72.9015	1.13
	Ivy Drive School	160 Ivy Dr., Bristol, CT 06010	41.7029	-72.9015	1.13
4	Mt. View GOAL	71 Vera Road, Bristol, CT 06010	41.6966	-72.8992	1.30
	Mountain View School	71 Vera Rd., Bristol, CT 06010	41.6966	-72.8992	1.30
5	Northeast MS/GOAL	530 Stevens Street, Bristol, CT 06010	41.7126	-72.9083	1.37
	Northeast MS/Extended Resource	530 Stevens Street, Bristol, CT 06010	41.7126	-72.9083	1.37
	Northeast Middle School	530 Stevens St., Bristol, CT 06010	41.7126	-72.9083	1.37
6	Louis Toffolon School	145 NorthWest Dr., Plainville, CT 06062 150	41.6862	-72.8868	1.69
7	Plainville Middle School	Northwest Dr., Plainville, CT 06062 114 West	41.6840	-72.8862	1.83
8	West District Elementary	District Road, Unionville, CT 06085	41.7379	-72.8794	1.90

ID	 Daycare Name	Address	Latitude	Longitude	Dist(Mi)
1	CARRIER ACADEMY OF LEARNING	740 PLAINVILLE AVE FARMINGTON 6032	41.7140	-72.8818	0.31
2	TUNXIS CTC EARLY CHILDHOOD CENTER	271 SCOTT SWAMP ROAD FARMINGTON 6032	41.7065	-72.8788	0.31
3	LITTLE ANGELS CHILDCARE & LEARNING CTR	353 SCOTT SWAMP ROAD FARMINGTON 6032	41.7019	-72.8882	0.67
4	KINDERCARE LEARNING CENTER #070279	197 SCOTT SWAMP ROAD FARMINGTON 6032	41.7057	-72.8692	0.73
5	IVY DRIVE FUN CLUB	160 IVY DR BRISTOL 6010	41.7058	-72.9013	1.05
6	MT VIEW FUN CLUB	71 VERA RD BRISTOL 6010	41.6945	-72.8987	1.40
7	CARRIER LEARNING CENTER	1168 FARMINGTON AVE BRISTOL 6010	41.6971	-72.9045	1.48
8	WHEELER YMCA TOFFOLON SCHOOL SACD	145 NORTHWEST DRIVE PLAINVILLE 6062	41.6869	-72.8840	1.63
	PLAINVILLE EARLY LEARNING CENTER AT TOFFOLON	145 NORTHWEST DRIVE PLAINVILLE 6062	41.6869	-72.8840	1.63

