

SITE A

FCC RULE
1.1307
NEPA
INVESTIGATION



MONTANO 58
58 MONTANO ROAD
GLASTONBURY, CONNECTICUT

PREPARED FOR:
OPTASITE TOWERS, LLC
ONE RESEARCH DRIVE SUITE 201
WESTBOROUGH, MA, 01581

JANUARY 4, 2008

KLEINFELDER

99 Lambertson Road, Suite 201 Windsor, CT 06095 (860) 683-4200 (860) 683-4206 fax www.kleinfelder.com

FCC NEPA CHECKLIST

(47 CFR Subpart1, Chapter 1 Sections 1.1301-1.1319)

Client: Optasite Towers,LLC	Site Name: Optasite Montano 58
Location: 58 Montano Road Glastonbury, CT	KA Project No: 88705


Category	NEPA Special Interest Item	Potential Effect	
		Yes	No
1	Wilderness Areas Is the antenna structure located in an officially designated wilderness area?		X
2	Wildlife Preserves Is the antenna structure located in an officially designated wildlife preserve?		X
3a	Threatened and Endangered Species Will the antenna structure likely affect threatened or endangered species or designated critical habitats?		X
3b	Threatened and Endangered Species Will the antenna structure jeopardize the continued existence of any proposed endangered or threatened species?		X
3c	Threatened and Endangered Species Will the antenna structure result in the destruction or adverse modification of proposed critical habitats?		X
4	Historic Places Will the antenna structure affect districts, sites, building, structures or objects significant in American history, architecture, archeology, engineering, or culture that are listed, or potentially eligible for listing in the National Register of Historic Places (NRHP)?		X
5	Indian Religious Sites Will the antenna structure affect Indian religious site(s)?		X
6	Floodplains Will the antenna structure be located in a flood plain?		X
7	Surface Features Will construction of the antenna structure involve significant change in surface features (e.g. wetlands, deforestation, or water diversion)?		X
8	High Intensity White Lights Is the antenna structure located in a residential neighborhood and required to be equipped with high intensity white lights?		X
9	a.) Will the antenna structure equal or exceed total power (of all channels) of 2000 Watts ERP (3280 Watts EIRP) and have antenna located less than 10 meters above ground level? *Responsibility of Client		NA
	b.) Will the roof-top antenna project equal or exceed total power (of all channels) of 2000 Watts ERP (3280 Watts EIRP)? *Responsibility of Client		NA
Preparer's Signature:  2008.01.03		Date: January 4, 2008	
Printed Name and Title: Jeffrey Shamas		15:10:17 -05'00'	

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I. Introduction

The National Environmental Policy Act (NEPA) was enacted to provide federal agencies with uniform national guidance for the protection of the human environment. Under NEPA guidelines, federal agencies are required to review the potential impacts of major federal actions on natural, cultural, and socioeconomic resources.

The Federal Communications Commission (FCC), as a federal agency, requires licensees to review their proposed actions to ensure NEPA compliance. The FCC's rules for implementing NEPA are detailed in Title 47 of the Code of Federal Regulations, Part 1, Subpart I, rule sections 1.1301 to 1.1319. Section 1.1307 lists eight actions with potentially environmentally sensitive effects that, if significant, would require the preparation of an Environmental Assessment. These potential actions include:

- Actions that occur within an officially designated wilderness area.
- Actions that occur in an officially designated wildlife preserve.
- Actions that (i) May affect listed threatened or endangered species or designated critical habitats; or (ii) are likely to jeopardize the continued existence of any proposed endangered or threatened species or likely resulting the destruction or adverse modification of proposed critical habitats, as determined by the Secretary of the Interior pursuant to the Endangered Species Act of 1973.
- Actions that may affect districts, sites, buildings, structures or objects that are significant in American history, architecture, archeology, engineering or culture and that are listed or are eligible for listing in the National Register of Historic Places.
- Actions that may affect Indian religious sites.
- Actions that occur in a floodplain.
- Actions that will involve significant change in surface features, such as through wetland fill, deforestation, or water diversion.
- Antenna towers and/or supporting structures that are to be equipped with high intensity white lights and that are to be located in residential neighborhoods, as defined by the applicable zoning law.

If these effects are found to be insignificant, the project may be considered in compliance with NEPA and requires no further investigation.

II. Environmental Investigation

The Montano 58 project site is situated at 58 Montano Road in Glastonbury, Hartford County, Connecticut. It is located approximately 255 feet northeast of the nearest residence within a wooded area dominated by sugar maple (*Acer saccharum*) and white oak (*Quercus alba*). Land use within the vicinity of the project consists of residential housing and roads with Route 2 bordering the site to the north. In conjunction with the proposed 120-foot monopole telecommunications tower and associated equipment shelter, a 335-foot gravel access drive and turnaround area will be constructed to allow for ease of access to the location for site work and maintenance activities. In addition, an 8-foot high chain link fence is proposed to enclose the 50- by 50-foot compound and lease area. Please refer to Appendices A and B for site location maps and proposed site plans.

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On behalf of Optasite Towers, LLC, Kleinfelder East, Inc. performed a NEPA investigation to determine whether the proposed Montano Road telecommunications tower facility may potentially have environmentally sensitive effects through any of the eight defined actions. This was achieved through communication with multiple agencies and organizations, and by a review of publicly available databases, literature, and maps.

A. Wilderness Areas

Based on a review of National Atlas and USGS topographic maps, the proposed project area is not located in an officially designated wilderness area. These maps include lands owned by the Bureau of Land Management, U.S. Fish and Wildlife Service, U.S. Department of Agriculture Forest Service, and National Park Service. Please refer to Appendix C for supporting documentation.

B. Wildlife Preserves

Based on a review of National Atlas and USGS topographic maps the proposed project area is not located in an officially designated wildlife preserve. These maps include lands owned by the Bureau of Land Management, U.S. Fish and Wildlife Service, U.S. Department of Agriculture Forest Service, and National Park Service. Please refer to Appendix C for supporting documentation.

C. Threatened and Endangered Species

A review of the Connecticut Natural Diversity Database map for the Town of Manchester showed that there is state or federally listed species or significant natural communities located in or in the immediate vicinity of the proposed project area. A Review Request Form and supporting materials were sent to Connecticut Department of Environmental Protection (DEP) Wildlife Division on October 19, 2007 for a threatened and endangered species review. After review of the project, the DEP notified Kleinfelder in a letter postmarked November 5, 2007 that to their knowledge, there are no extant populations of State Endangered, Threatened, or Special Concern species at the proposed project site.

A request for a threatened and endangered species review was submitted to the United States Fish and Wildlife Service (USFWS) on October 15, 2007. According to a letter from the USFWS on November 16, 2007, the bald eagle (*Haliaeetus leucocephalus*), dwarf wedge mussel (*Alasmidonta heterodon*), puritan tiger beetle (*Cicindela puritana*), and sandplain gerardia (*Agalinus acuta*) are known to occur in Hartford County, Connecticut. However, the proposed project does not occur in habitats known to support these species. Based upon this data, the proposed project will not impact listed or proposed threatened or endangered species or their critical habitats. Please refer to Appendix D for copies of all correspondence.

D. Historic Places

To determine the potential impacts of the proposed project on historic, architectural, or archaeological resources, a report was submitted to the Connecticut State Historic Preservation Office (CTSHPO) on November 30, 2007. The CTSHPO responded on December 3, 2007 that 'the proposed undertaking will have no effect on historic, architectural, or archaeological resources listed on or eligible for the National Register of Historic Places.' Please refer to Appendix E for supporting documentation.

E. Indian Religious Sites

Tribal Consultation was initiated through the FCC's electronic Tower Construction Notification System (TCNS) on October 5, 2007 to determine the potential impacts of the proposed project on Indian religious sites. This consultation was assigned Notification ID No. 31953. The Mashantucket Pequot Tribe and Narragansett Indian Tribe were identified as having a geographic preference that includes the proposed project site. The two tribes were also notified in writing on October 15, 2007 with a request to respond by November 5, 2007.

The Mashantucket Pequot Tribe responded through TCNS on October 11, 2007 to request details about the project. Upon receipt of the requested attachments, the Tribe stated through TCNS on October 22, 2007 that the Tribe had no knowledge of religious or culturally significant properties that would be affected by the proposed project, but recommended a Phase I Archeological Reconnaissance Survey and requested copies of any work performed on the project. After the Preliminary Archeological Assessment prepared by Heritage Consultants, LLC was forwarded to the Tribe, the Tribe responded on December 10, 2007 to concur with the finding of 'no effect.'

The Narragansett Indian Tribe responded through TCNS on October 25, 2007 to formally initiate consultation and review of the proposed project. The requested materials were distributed to the Tribe on October 31, 2007. To date, no response has been received.

After consultation with the two Tribes, it is concluded that the proposed project will have no significant impact on any Indian religious sites. Please refer to Attachment F for copies of all correspondence.

F. Floodplains

In order to determine the potential impacts of the proposed project on floodplains, the Federal Insurance Rate Map (Map Panel 0901240005B) was reviewed. According to the Federal Emergency Management Agency, the proposed project area not located within the 100-year floodplain. Please refer to Appendix G for supporting documentation.

G. Surface Features

According to the National Wetlands Inventory, USGS maps and site observations, no wetlands or watercourses are present within the proposed site location or adjacent area. Therefore, we do not expect the proposed facility will adversely impact surface water features. Please refer to Appendix H for supporting documentation.

H. High Intensity Lighting

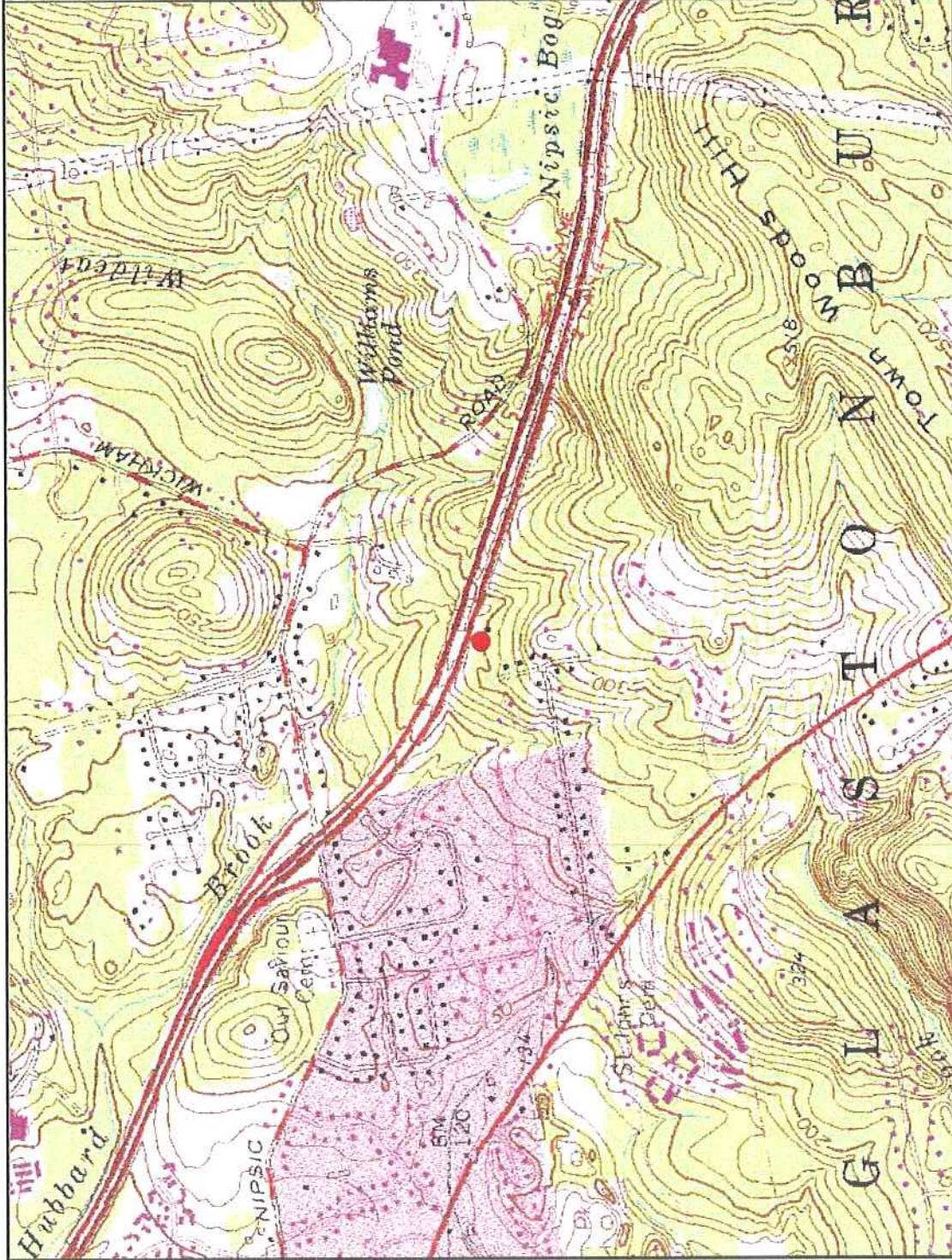
High intensity lighting is not planned for this project and will therefore not have a significant impact on residential neighborhoods.

III. Conclusions

Based on the above review, it is the professional opinion of Kleinfelder East, Inc. that the proposed facility will not have a significant environmental impact on any of the previously mentioned resources and will therefore not require further actions to comply with the requirements of the National Environmental Policy Act.



Appendix A
Project Location Maps



LEGEND

● SITE LOCATION



CONNECTICUT



SITE LOCATION MAP

DRAWN BY: ETH
 REVISED BY:
 CHECKED BY:
 DATE: 10-15-07
 APPROVED BY:

SOURCE:
 CT DEP. TOPOGRAPHIC MAPS DATA SET (7.5 TOPOGRAPHIC
 MAP, GLASTONBURY, CONNECTICUT)

MONTANO
 58 MONTANO ROAD
 GLASTONBURY, CONNECTICUT

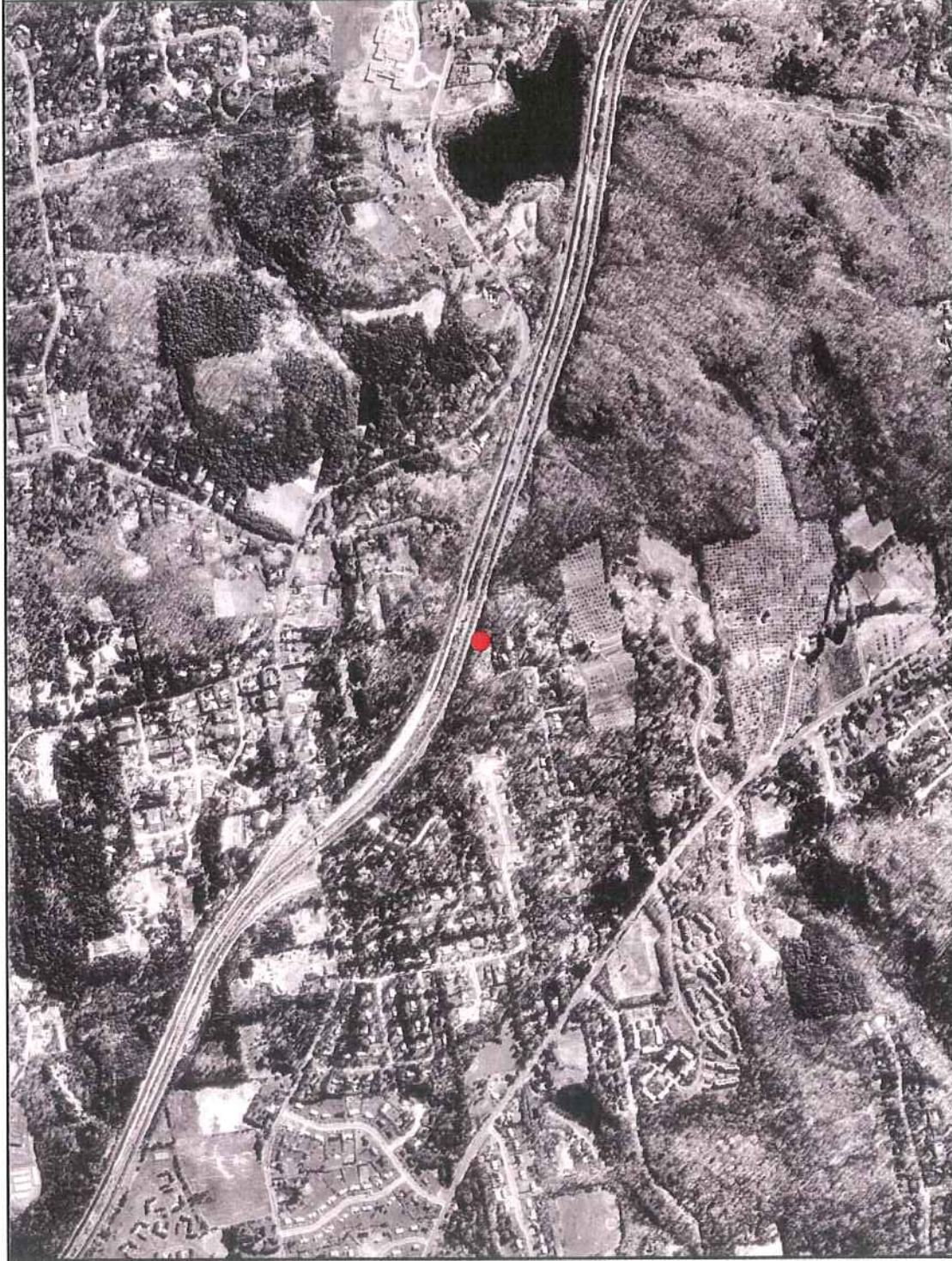
PROJ. NO. 08705 FILE NAME: FIGURE 1

KLEINFELDER

99 LAMBERTON ROAD, SUITE 201
 WINDSOR, CONNECTICUT
 PH: 860-963-4200 FAX: 860-963-4206
 www.kleinfelder.com

FIGURE

1



LEGEND

● SITE LOCATION



CONNECTICUT



SITE LOCATION MAP

DRAWN BY: CTH
 REVISED BY:
 CHECKED BY:
 DATE: 10-24-07
 APPROVED BY:

SOURCE:
 C:\DEP\AERIAL PHOTO DATA SET

PROJ. NO. 18295
 FILE NAME: FIGURE 1

MONTANO
 58 MONTANO ROAD
 GLASTONBURY, CONNECTICUT

KLEINFELDER

96 LAMBERTON ROAD SUITE 201
 WINDSOR, CONNECTICUT
 PH: 860-683-4200 FAX: 860-683-4206
 www.kleinfelder.com

FIGURE

1



Appendix B
Site Plans



OPTASITE TOWERS, LLC
1 RESEARCH DRIVE, SUITE 200C
WESTBOROUGH, MA 01581



CLOUGH HANBROW ASSOCIATES, L.P.
710 SOUTH MAIN STREET, SUITE 1200
WESTBOROUGH, MA 01581

CHA PROJECT NO.
15360 - 1024 - 1001

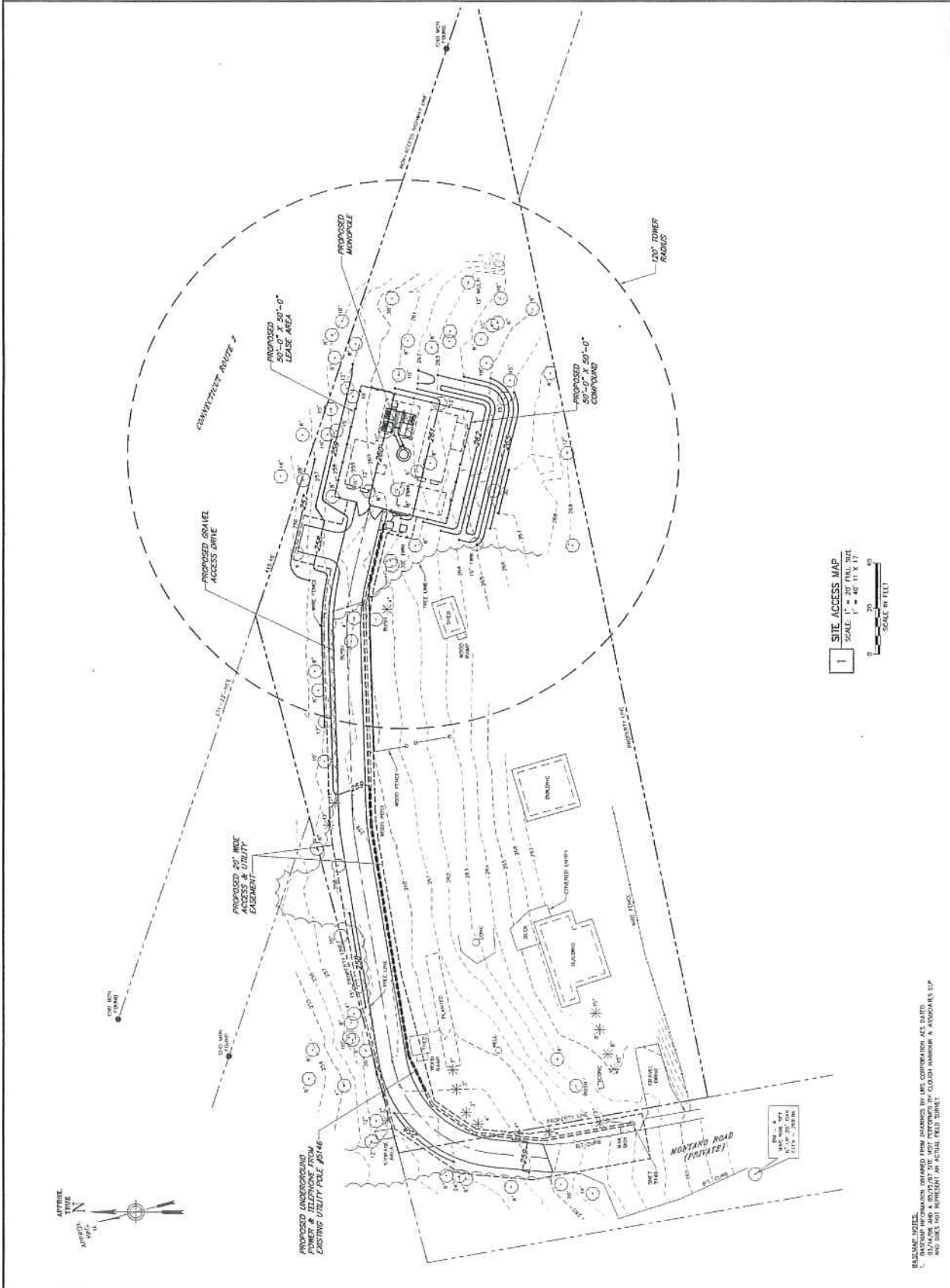
NO.	DATE	DESCRIPTION	BY	CHKD.
0	08/11/10	ISSUED FOR PERMIT	CH	CH
1	08/11/10	REVISED PER CITY COMMENTS	CH	CH
2	08/11/10	REVISED PER CITY COMMENTS	CH	CH
3	08/11/10	REVISED PER CITY COMMENTS	CH	CH
4	08/11/10	REVISED PER CITY COMMENTS	CH	CH
5	08/11/10	REVISED PER CITY COMMENTS	CH	CH
6	08/11/10	REVISED PER CITY COMMENTS	CH	CH
7	08/11/10	REVISED PER CITY COMMENTS	CH	CH
8	08/11/10	REVISED PER CITY COMMENTS	CH	CH
9	08/11/10	REVISED PER CITY COMMENTS	CH	CH
10	08/11/10	REVISED PER CITY COMMENTS	CH	CH

IT IS A CONDITION OF LAW FOR ANY PERSON,
FIRM OR COMPANY, BY ACTING UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL ENGINEER,
TO SEAL THIS DRAWING.

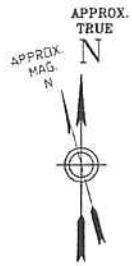
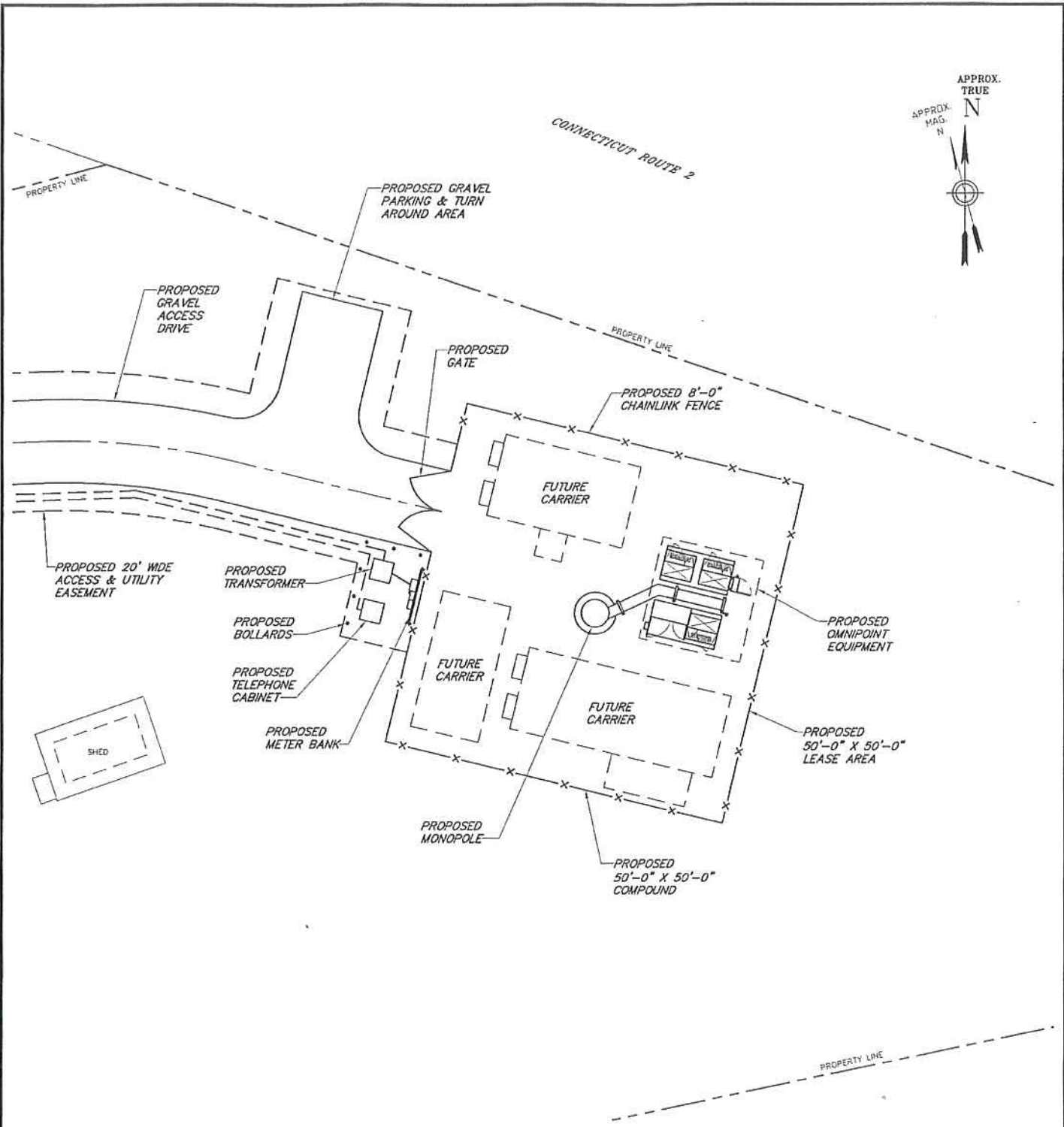
SITE NO.
CT-999-0101
SITE NAME:
MONTANO
SITE ADDRESS:
58 MONTANO ROAD
GLASTONBURY, CT
06033
HARTFORD COUNTY

SHEET TITLE
SITE ACCESS MAP

SHEET NUMBER
A02



BASELINE DATA
ALL DIMENSIONS OBTAINED FROM RECORDS BY THE CORPORATION, ITS SALES
DIVISION AND A 2010/07/07 SITE SURVEY PERFORMED BY CLOUGH HANBROW & ASSOCIATES, L.P.
AND DOES NOT REPRESENT AN ACTUAL FIELD SURVEY.



1 **COMPOUND PLAN**
 SCALE: 1" = 20'
 0 10 20
 SCALE IN FEET

BASEMAP NOTES:
 1. BASEMAP INFORMATION OBTAINED FROM DRAWINGS BY URS CORPORATION AES DATED 03/14/06 AND A 05/15/07 SITE VISIT PERFORMED BY CLOUGH HARBOUR & ASSOCIATES LLP AND DOES NOT REPRESENT AN ACTUAL FIELD SURVEY.

Drawing Copyright © 2007 Clough Harbour & Associates LLP

CHA
 CLOUGH HARBOUR & ASSOCIATES LLP
 2130 Silas Deane Highway, Suite 212 - Rocky Hill, CT 06067-2238
 Fax: (860) 297-4527 - www.roughharbour.com

CHA PROJ. NO. - 15363-1024

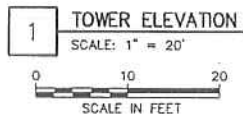
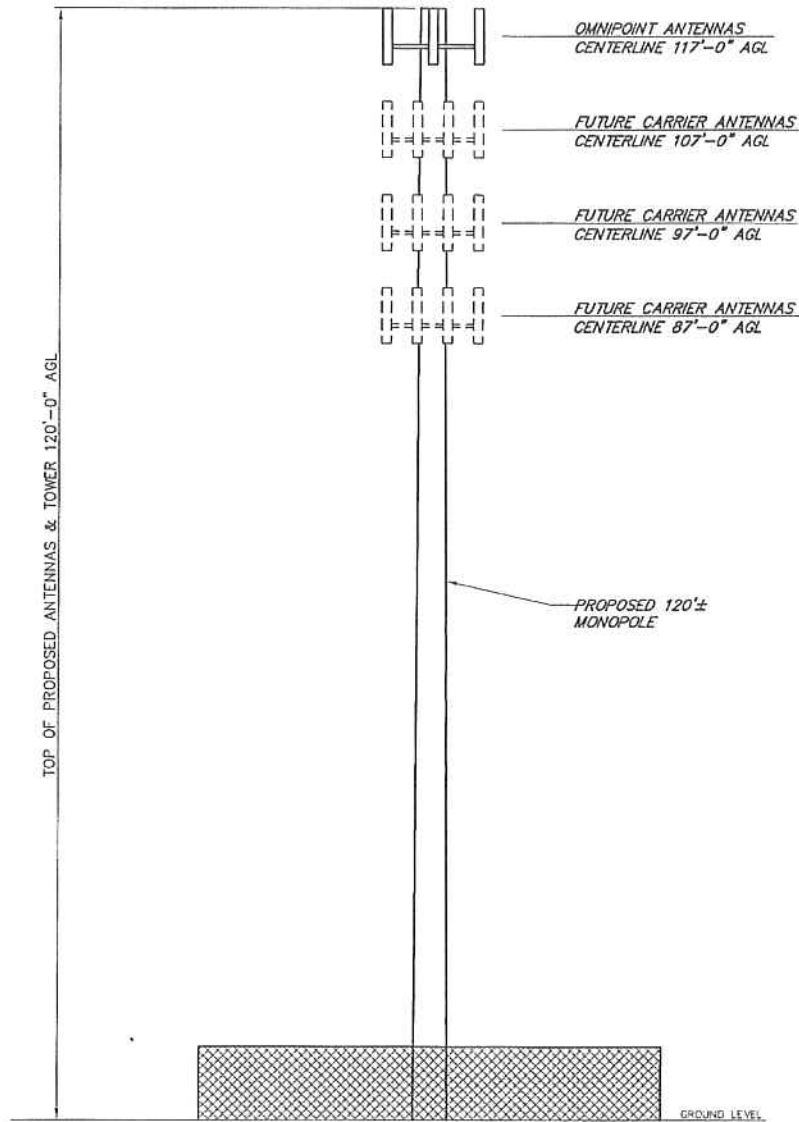
Optasite
 OPTASITE TOWERS LLC
 1 RESEARCH DRIVE, SUITE 200C
 WESTBOROUGH, MA 01581

SITE ID:
 CT-999-0101
 SITE NAME:
 MONTANO
 SITE ADDRESS:
 58 MONTANO ROAD
 GLASTONBURY, CT 06033
 HARTFORD COUNTY

SHEET TITLE:
 COMPOUND PLAN

DATE:
 09/17/07

REVISION:
 0



Drawing Copyright © 2007 Clough Harbour & Associates LLP

CHA
CLOUGH HARBOUR & ASSOCIATES LLP
2159 Saba Drane Highway, Suite 212 - Rocky Hill, CT 06067-2336
Main: (860) 257-4537 • www.cloughharbour.com

CHA PROJ. NO. - 15363-1024

Optasite

OPTASITE TOWERS LLC
1 RESEARCH DRIVE, SUITE 200C
WESTBOROUGH, MA 01581

SITE ID:
CT-999-0101
SITE NAME:
MONTANO
SITE ADDRESS:
58 MONTANO ROAD
GLASTONBURY, CT 06033
HARTFORD COUNTY

SHEET TITLE:
TOWER ELEVATION

DATE:
09/17/07

REVISION:
0



Appendix C

Wilderness Area and Wildlife Preserve Supporting Materials



nationalatlas.gov™
Where We Are

CONNECTICUT

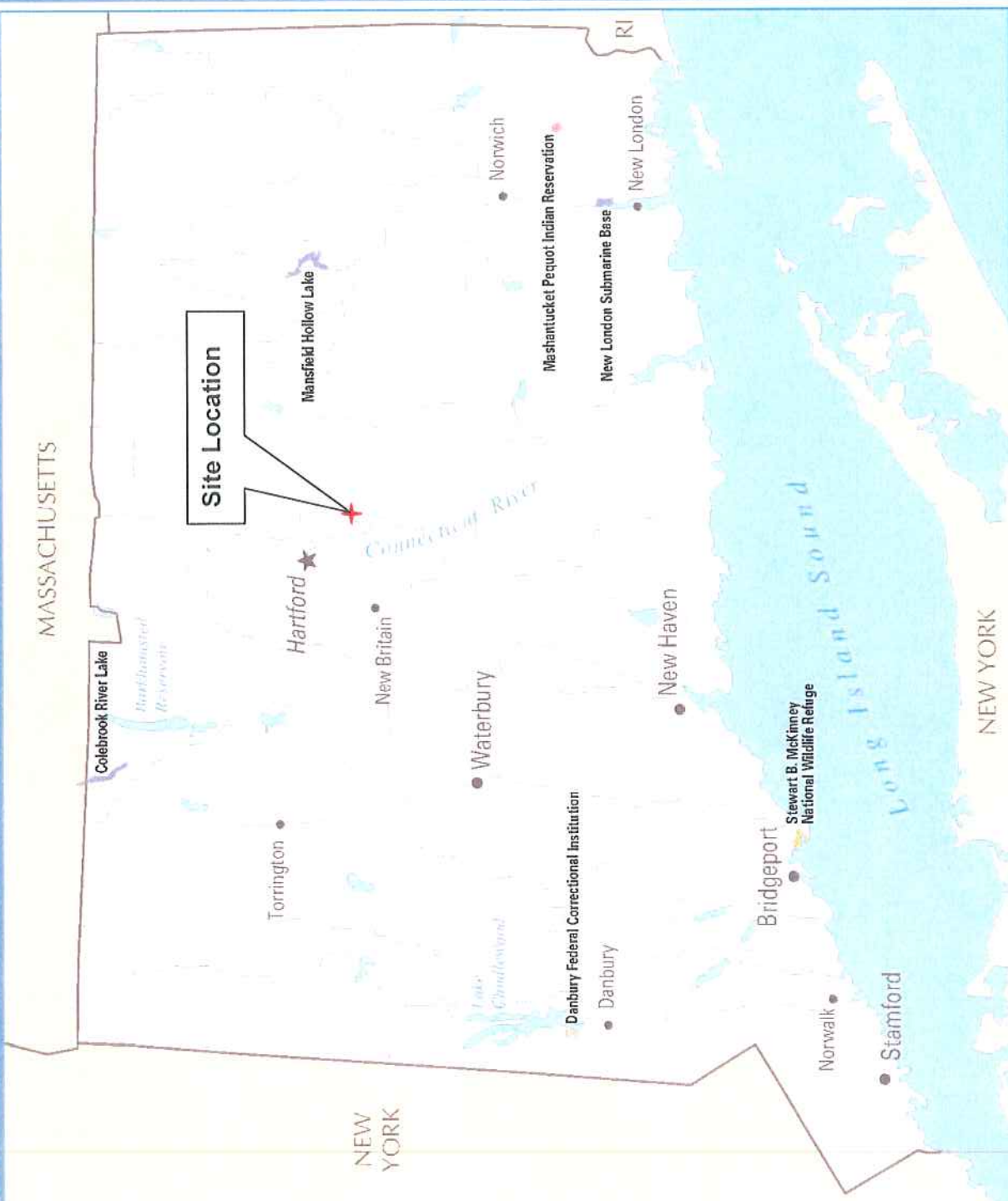
FEDERAL LANDS AND INDIAN RESERVATIONS

- Bureau of Indian Affairs
- Department of Defense (Includes Army Corps of Engineers lakes)
- Fish and Wildlife Service / Wilderness
- Bureau of Prisons

Some small sites are not shown, especially in urban areas.



Albers equal area projection



U.S. Department of the Interior
U.S. Geological Survey

The National Atlas of the United States of America®



Appendix D

Threatened and Endangered Species Supporting Materials

October 15, 2007

Mr. Anthony Tur
United States Fish and Wildlife Service
70 Commercial Street, Suite 300
Concord, NH 03301-5087

**RE: Threatened and Endangered Species Review
Optasite Towers, LLC – Montano 58 Site
58 Montano Road
Glastonbury, Hartford County, Connecticut
KA Project No. 88705**

Dear Mr. Tur:

On behalf of Optasite Towers, LLC (Optasite), Kleinfelder is performing a National Environmental Policy Act (NEPA) site assessment for the Optasite Montano 58 Site located on Montano Road in Glastonbury, Hartford County, Connecticut. A USGS location map taken from the Glastonbury Quadrangle, Connecticut is attached. The purpose of the review is to determine whether site construction activity will impact environmental resources. As a regulated utility licensed by the Federal Communications Commission (FCC), Optasite is required to consider the effects of proposed actions as identified in the FCC regulations implementing NEPA (47 CFR 1.1307).

Optasite is proposing to construct a 50- by 50-foot fenced compound, within a 50-foot by 50-foot lease area, containing a 120-foot tall monopole telecommunications tower and associated equipment. The proposed site will be situated within a lease area that currently consists of undeveloped woodland. The compound will also include a proposed 12-foot wide by approximately 335-foot long gravel access drive extending from Montano Road to provide access to the site.

Land use at the site currently consists of an undeveloped wooded area, with a canopy consisting primarily of sugar maple (*Acer saccharum*) with some white pine (*Pinus strobus*) ranging in size from 30 to 45 feet tall and a diameter of 8 to 12 inches at breast height.


US Fish and Wildlife Service
Optasite Montano 58 Site
10/16/2007

Kleinfelder East, Inc.

Kleinfelder is requesting information regarding potential threatened or endangered species or designated critical habitats at the site. Please contact me concerning the results of your search via mail, fax, or telephone. Thank you for your assistance in this matter.

Sincerely,

Kleinfelder East, Inc.

 2007.10.16
14:04:08 -04'00'

Ashley G. Hawes
Project Scientist

Enclosures



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Field Office
70 Commercial Street, Suite 300
Concord, New Hampshire 03301-5087

November 16, 2007

Ashley Hawes
Kleinfelder East, Inc.
99 Lamberton Road, Suite 201
Windsor, CT 06095

Dear Ms. Hawes:

We are in receipt of your recent letter requesting our endangered species review with regard to your proposed telecommunications projects in Glastonbury (2 sites), Manchester, and Taftville, Connecticut; and Wilbraham, Massachusetts.

Earlier this year, we distributed a letter (enclosed) which we hope will streamline the consultation process.

Please review our letter. We're confident that it will adequately respond to your request. If you have any questions, please contact me at 603-223-2541.

Sincerely yours,

Anthony P. Tur
Endangered Species Specialist
New England Field Office

Enclosure



United States Department of the Interior

FISH AND WILDLIFE SERVICE
New England Field Office
70 Commercial Street, Suite 300
Concord, New Hampshire 03301-5087



March 6, 2007

To Whom It May Concern:

The U.S. Fish and Wildlife Service's (Service) New England Field Office has determined that individual project review for certain types of activities associated with communication towers **is not required**. These comments are submitted in accordance with provisions of the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*).

Due to the rapid expansion of the telecommunication industry, we are receiving a growing number of requests for review of **existing** and **new** telecommunication facilities in relation to the presence of federally-listed or proposed, threatened or endangered species, critical habitat, wilderness areas and/or wildlife preserves. We have evaluated our review process for proposed communications towers and believe that individual correspondence with this office is not required for the following types of actions relative to **existing** facilities:

1. the re-licensing of existing telecommunication facilities;
2. audits of existing facilities associated with acquisition;
3. routine maintenance of existing tower sites, such as painting, antenna or panel replacement, upgrading of existing equipment, etc.;
4. co-location of new antenna facilities on/in existing structures;
5. repair or replacement of existing towers and/or equipment, provided such activities do not significantly increase the existing tower mass and height, or require the addition of guy wires.

In order to curtail the need to contact this office in the future for individual environmental review for **existing** communication towers or antenna facilities, please note that we are not aware of any federally-listed, threatened or endangered species that are being adversely affected by any existing communication tower or antenna facility in the following states: Vermont, New Hampshire, Rhode Island, Connecticut and Massachusetts. Furthermore, we are not aware of any **existing** telecommunication towers in federally-designated critical habitats, wilderness areas or wildlife preserves. Therefore, no further consultation with this office relative to the impact of the above referenced activities on federally-listed species is required.

Future Coordination with this Office Relative to New Telecommunication Facilities

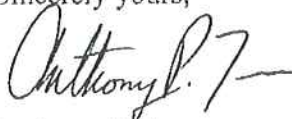
We have determined that proposed projects are not likely to adversely affect any federally-listed or proposed species when the following steps are taken to evaluate new telecommunication facilities:

1. If the facility will be installed within or on an existing structure, such as in a church steeple or on the roof of an existing building, no further coordination with this office is necessary. Similarly, new antennas or towers in urban and other developed areas, in which no natural vegetation will be affected, do not require further review.
2. If the above criteria cannot be met, your review of the attached lists of threatened and endangered species locations within Vermont, New Hampshire, Rhode Island, Connecticut and Massachusetts may confirm that no federally-listed endangered or threatened species are known to occur in the town or county where the project is proposed.
3. If a listed species is present in the town or county where the project is proposed, further review of our enclosed lists of threatened and endangered species may allow you to conclude that suitable habitat for the species will not be affected. Based on past experiences, we anticipate that there will be few, if any, projects that are likely to impact piping plovers, roseate terns, bog turtles, Jesup's milkvetch or other such species that are found on coastal beaches, riverine habitats or in wetlands because communication towers typically are not located in these habitats.

For projects that meet the above criteria, there is no need to contact this office for further project review. A copy of this letter should be retained in your file as the Service's determination that no listed species are present, or that listed species in the general area will not be affected. Due to the high workload associated with responding to many individual requests for threatened and endangered species information, we will no longer be providing response letters for activities that meet the above criteria. This correspondence and the enclosed species lists remain valid until January 1, 2008.

Thank you for your cooperation, and please contact me at 603-223-2541 for further assistance.

Sincerely yours,



Anthony P. Tur
Endangered Species Specialist
New England Field Office

Enclosures

FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES
IN CONNECTICUT

Common Name	Species	Status	County/General Distribution
Sturgeon, shortnose ¹	<i>Acipenser brevirostrum</i>	E	Atlantic coastal waters and Connecticut River
Bat, Indiana	<i>Myotis sodalis</i>	E	New Haven/hibernaculum
Eagle, bald	<i>Haliaeetus leucocephalus</i>	T	Nesting: Hartford, Litchfield Wintering: entire state, major rivers
Plover, piping	<i>Charadrius melodus</i>	T	Nesting: Fairfield, Middlesex, New Haven, New London (coastal beaches) Migratory: Atlantic Coast
Tern, Roseate	<i>Sterna dougallii dougallii</i>	E	Nesting: New Haven (coastal island) Migratory: Atlantic Coast
Turtle, bog	<i>Clemmys muhlenbergii</i>	T	Fairfield, Litchfield
Wedge mussel, dwarf	<i>Alasmidonta heterodon</i>	E	Hartford
Beetle, Puritan tiger	<i>Cicindela puritana</i>	T	Hartford, Middlesex (Connecticut River floodplain)
Beetle, Northeastern beach	<i>Cicindela dorsalis dorsalis</i>	T	Coastal beaches/Extirpated
Small whorled pogonia	<i>Isotria medeoloides</i>	T	Litchfield, New Haven
Sandplain gerardia	<i>Agalinus acuta</i>	E	Hartford
Chaffseed	<i>Scwalbea Americana</i>	E	New London/Historic

¹ Principal responsibility for this species is vested with the National Marine Fisheries Service.

October 19, 2007

Wildlife Division
Bureau of Natural Resources
Department of Environmental Protection
79 Elm Street, 6th Floor
Hartford, CT 06106-5127

**RE: Threatened and Endangered Species Review
Optasite Towers, LLC – Montano 58 Site
58 Montano Road
Glastonbury, Hartford County, Connecticut
KA Project No. 88705**

To Whom It May Concern:

On behalf of Optasite Towers, LLC (Optasite), Kleinfelder is performing a National Environmental Policy Act (NEPA) site assessment for the Optasite Montano 58 Site located on Montano Road in Glastonbury, Hartford County, Connecticut. The purpose of the review is to determine whether site construction activity will impact environmental resources. As a regulated utility licensed by the Federal Communications Commission (FCC), Optasite is required to consider the effects of proposed actions as identified in the FCC regulations implementing NEPA (47 CFR 1.1307).

Optasite is proposing to construct a 50- by 50-foot fenced compound containing a 120-foot tall monopole telecommunications tower and associated equipment. The proposed site will be situated within a 50-foot by 50-foot lease area that currently consists of undeveloped woodland. The compound will also include a proposed 12-foot wide by approximately 335-foot long gravel access drive extending from Montano Road.

Land use at the site currently consists of an undeveloped wooded area, with a canopy consisting primarily of sugar maple (*Acer saccharum*) with some white pine (*Pinus strobus*) ranging in size from 30 to 45 feet tall and a diameter of 8 to 12 inches at breast height.

CT NDDB Review
Optasite Montano 58 Site
10/19/2007

Kleinfelder East, Inc.

Kleinfelder is requesting information regarding potential threatened or endangered species or designated critical habitats at the site. The Connecticut Natural Diversity Data Base Review Request Form and supporting materials are attached. Please contact me concerning the results of your search via mail, fax, or telephone. Thank you for your assistance in this matter.

Sincerely,

Kleinfelder East, Inc.

 Ashley Hawes
2007.10.19
11:54:25 -04'00'

Ashley G. Hawes
Project Scientist

Enclosures



Connecticut Natural Diversity Data Base Review Request Form

Please complete this form *only* if you have conducted a review which determined that your activity is located in an area of concern.

Name: Kleinfelder East, Inc. for Optasite Towers, LLC

Affiliation: Consultant

Mailing Address: 99 Lamberton Road Suite 201

City/Town: Windsor

State: CT **Zip Code:** 06095

Business Phone: (860)683-4200

ext. 140

Fax: (860)683-4206

Contact Person: Ashley G. Hawes

Title: Project Scientist

Project or Site Name: Montano 58

Project Location

Town: Glastonbury

USGS Quad: Glastonbury

Brief Description of Proposed Activities:

Optasite Towers, LLC is proposing to construct a 120-foot tall monopole telecommunications tower, fenced 50-by 50-foot compound containing associated equipment, and 335-foot long gravel access road located at 58 Montano Road in Glastonbury.

Have you conducted a "State and Federal Listed Species and Natural Communities Map" review?

Yes No **Date of Map:** June 2007

Has a field survey been previously conducted to determine the presence of any endangered, threatened or special concern species? Yes No

If yes, provide the following information and submit a copy of the field survey with this form.

Biologists Name:

Address:

If the project will require a permit, list type of permit, agency and date or proposed date of application:

Federal Communications Commission New Tower Submission Packet Form 620

(See reverse side - you must sign the certification on the reverse side of this form)

The Connecticut Natural Diversity Data Base (CT NDDB) information will be used for:

permit application
 environmental assessment (give reasons for assessment):

other (specify):

"I certify that the information supplied on this form is complete and accurate, and that any material supplied by the CT NDDB will not be published without prior permission."



Ashley Hawes
2007.10.19 10:36:34 -04'00'

Signature

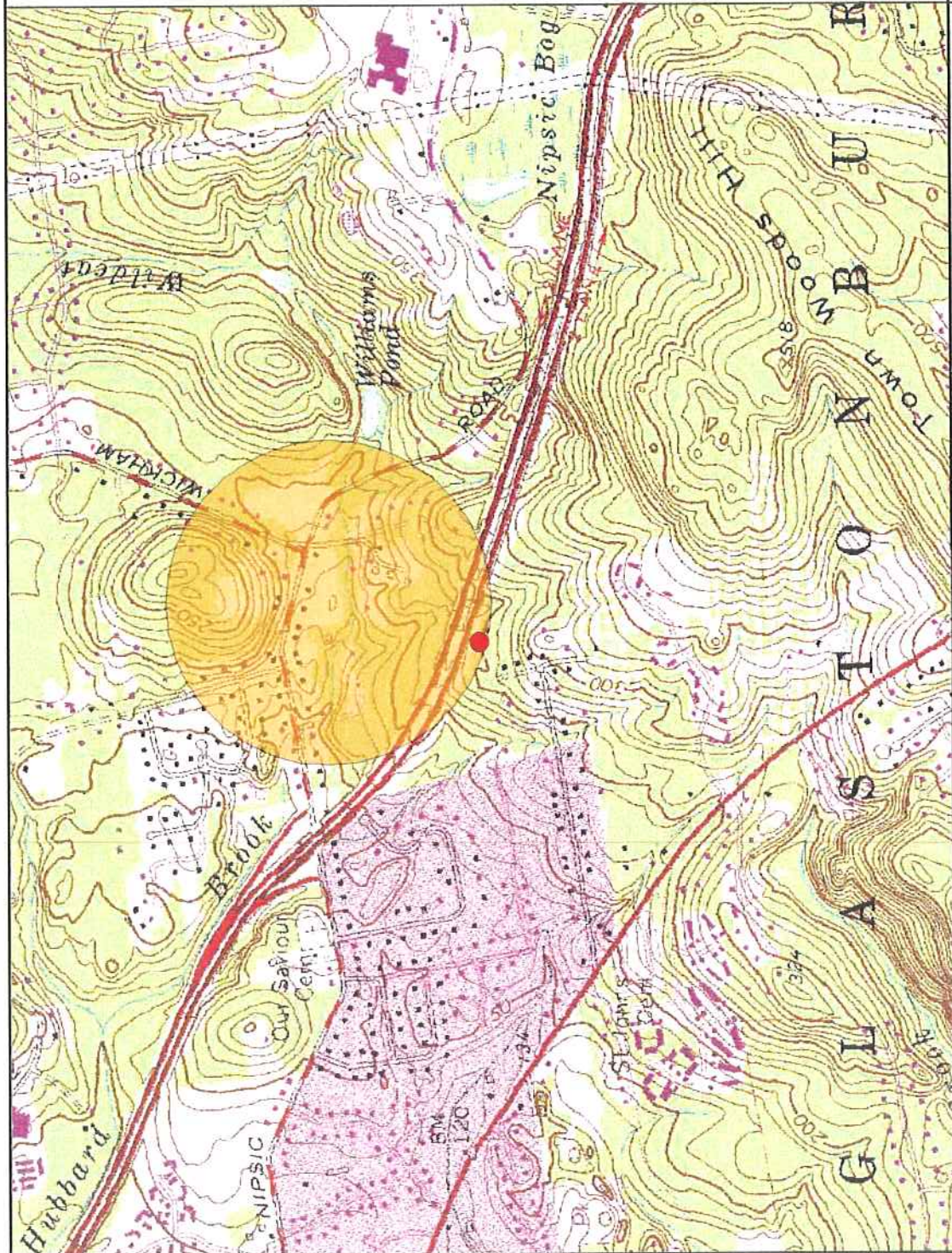
Date

All requests must include a USGS topographic map with the project boundary clearly delineated.

Return completed form to:

WILDLIFE DIVISION
BUREAU OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL PROTECTION
79 ELM ST, 6TH FLOOR
HARTFORD, CT 06106-5127

* You must submit a copy of this completed form with your registration or permit application.



LEGEND

- SITE LOCATION
- NATURAL DIVERSITY DATABASE AREA



CONNECTICUT



SITE LOCATION

NATURAL DIVERSITY DATABASE MAP

DRAWN BY: CTH
 REVISION BY:
 CHECKED BY:
 DATE: 10-15-07
 APPROVED BY:

SOURCE: GTEP TOPOGRAPHIC MAPS DATA SET (7.5 TOPOGRAPHIC MAP, GLASTONBURY, CONNECTICUT)

PROJ. NO. 88705
 FILE NAME: FIGURE 1

MONTANO
 58 MONTANO ROAD
 GLASTONBURY, CONNECTICUT

KLEINFELDER

58 LAMBERTON ROAD, SUITE 201
 WINDSOR, CONNECTICUT
 PH: 860-465-2222 FAX: 860-683-4206
 www.kleinfelder.com

FIGURE

1



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Bureau of Natural Resources
Wildlife Division
79 Elm Street, 6th Floor
Hartford, CT 06106
Natural Diversity Data Base

August 30, 2007

Ms. Ashley Hawes
Kleinfelder
99 Lamberton Road, Suite 201
Windsor, CT 06095

re: Proposed Optasite Towers, LLC
Telecommunications Facility at 58
Montano Road in Glastonbury,
Connecticut

Dear Ms. Hawes:

I have reviewed Natural Diversity Data Base maps and files regarding the area delineated on the map you provided for the proposed telecommunication facility for Optasite Towers LLC at 58 Montano Road in Glastonbury, Connecticut. According to our information there are no extant populations of State Endangered, Threatened or State Special Concern species that occur at this project site.

Natural Diversity Data Base information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department's Geological and Natural History Survey and cooperating units of DEP, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substitutes for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated into the Data Base as it becomes available.

Please contact me if you have further questions at 424-3592. Thank you for consulting the Natural Diversity Data Base. Also be advised that this is a preliminary review and not a final determination. A more detailed review may be conducted as part of any subsequent environmental permit applications submitted to DEP for the proposed site.

Sincerely,


Dawn M. McKay
Biologist/Environmental Analyst

Cc: NDDB # 15777 and 15651



Appendix E

Historic Places Supporting Materials



Connecticut Commission on Culture & Tourism

December 3, 2007

Historic Preservation
& Museum Division

Ms. Ashley G. Hawes
Kleinfelder
99 Lamberton Road
Windsor, CT 06095

59 South Prospect Street
Hartford, Connecticut
06106

(v) 860.566.3005
(f) 860 566.5078

Subject: Telecommunications Facilities
58 Montano Road
Glastonbury, CT
Project No. 88705 – Optasite Towers LLC

Dear Ms. Hawes:

The State Historic Preservation Office has reviewed the above-named project. This office expects that the proposed undertaking will have no effect on historic, architectural, or archaeological resources listed on or eligible for the National Register of Historic Places.

This office appreciates the opportunity to have reviewed and commented upon the proposed undertaking.

This comment is provided in accordance with the National Historic Preservation Act and the Connecticut Environmental Policy Act.

For further information, please contact Dr. David A. Poirier, Staff Archaeologist.

Sincerely,

Karen Senich
Deputy State Historic Preservation Officer



Appendix F

Indian Religious and Archeological Supporting Materials



[FCC Home](#) | [Search](#) | [Updates](#) | [E-Filing](#) | [Initiatives](#) | [For Consumers](#) | [Find People](#)



Tower Construction Notification

[FCC](#) > [WTB](#) > Tower Construction Notification

[FCC Site Map](#)

Logged In: ([Log Out](#))

Tower Construction Notification New Notification

► [Notifications Home](#)

Your Notification has been successfully submitted to the FCC. The date for this Notification is 10/05/2007. Your Notification ID number is **31953**. Please make a note of this Notification ID — print out this page for your records. A confirmation of this submitted notification will also be emailed to the email address specified in your notification.

This system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act by providing early notification of proposed construction to Tribes and State Historic Preservation officers. This system is not to be used in place of Section 106 consultation, and use of this notification system in itself does not satisfy parties' obligations with respect to historic preservation review under the Commission's rules.

Please note: the submission of this notification is NOT to be considered a submission for Antenna Structure Registration.

Tower Structures that require antenna structure registration based on FCC Rules 47 C.F.R. Part 17 must complete FCC Form 854 after FAA clearance is obtained.

ASR Help

[ASR License Glossary](#) - [FAQ](#) - [Online Help](#) - [Documentation](#) - [Technical Support](#)

ASR Online Systems

[TOWAIR](#) - [CORES/ASR Registration](#) - [ASR Online Filing](#) - [Application Search](#) - [Registration Search](#)

About ASR

[Privacy Statement](#) - [About ASR](#) - [ASR Home](#)

Federal Communications Commission
445 12th Street SW
Washington, DC 20554
[More FCC Contact Information...](#)

Phone: 1-877-480-3201
TTY: 1-717-338-2824
Fax: 1-866-418-0232
[Submit Help Request](#)

- [Web Policies & Privacy Statement](#)
- [Required Browser Plug-Ins](#)
- [Customer Service Standards](#)
- [Freedom of Information Act](#)

From: <towernotifyinfo@fcc.gov>
To: <ahawes@kleinfelder.com>
Date: 10/5/2007 6:11 PM
Subject: Proposed Tower Structure Info - Email ID #1668768

Dear Ashley G Hawes,

Thank you for submitting a notification regarding your proposed structure via the Tower Construction Notification Application. Note that the FCC has assigned a unique Notification ID number for this proposed structure.

You will need to reference this Notification ID number when you update your project's Status with us. Below are the details you provided for the tower you have proposed to construct:

Notification Received: 10/05/2007

Notification ID: 31953

Tower Owner Individual or Entity Name: Kleinfelder East, Inc on behalf of Optasite Towers, LLC

Consultant Name: Ashley G Hawes

Street Address: Kleinfelder

99 Lamberton Road Suite 201

City: Windsor

State: CONNECTICUT

Zip Code: 06095

Phone: 860-683-4200

Email: ahawes@kleinfelder.com

Structure Type: POLE - Any type of Pole

Latitude: 41 deg 41 min 58.0 sec N

Longitude: 72 deg 33 min 50.4 sec W

Location Description: 58 Montano Road

City: Glastonbury

State: CONNECTICUT

County: HARTFORD

Ground Elevation: 79.2 meters

Support Structure: 36.6 meters above ground level

Overall Structure: 36.6 meters above ground level

Overall Height AMSL: 115.8 meters above mean sea level

From: <towernotifyinfo@fcc.gov>
To: <ahawes@kleinfelder.com>
CC: <kim.pristello@fcc.gov>, <diane.dupert@fcc.gov>
Date: 10/12/2007 3:03 AM
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #1670129

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. THPO Kathleen Knowles - Mashantucket Pequot Tribe - Mashantucket, CT - electronic mail
Exclusions: For every tower construction this Tribe requires a site location map, site plans for every project that will result in ground disturbance, and a detailed description of the proposed site. If the proposed tower construction is on an already existing building, the Tribe would like to be informed of that as well.

2. Cell Tower Coordinator Sequahna Mars - Narragansett Indian Tribe - Wyoming, RI - electronic mail and regular mail

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These

Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

3. SHPO John W Shannahan - Connecticut Historical Commission - Hartford, CT - electronic mail
4. SHPO Cara Metz - Massachusetts Historical Commission - Boston, MA - electronic mail
5. Deputy SHPO Brona Simon - Massachusetts Historical Commission - Boston, MA - electronic mail
6. Director Ruth L Pierpont - Bureau of Field Services, NY State Parks &* Hist. Pres. - Waterford, NY - electronic mail
7. SHPO Frederick C Williamson - Rhode Island Historic Preservation & Heritage Comm - Providence, RI - regular mail
8. Deputy SHPO Edward F Sanderson - Rhode Island Historic Preservation & Heritage Comm - Providence, RI - electronic mail

"Exclusions" above set forth language provided by the Tribe, NHO, or SHPO. These exclusions may indicate types of tower notifications that the Tribe, NHO, or SHPO does not wish to review. TCNS automatically forwards all notifications to all Tribes, NHOs, and SHPOs that have an expressed interest in the geographic area of a proposal, as well as Tribes and NHOs that have not limited their geographic areas of interest. However, if a proposal falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribe, NHO, or SHPO. Exclusions may also set forth policies or procedures of a particular Tribe, NHO, or SHPO (for example, types of

information that a Tribe routinely requests, or a policy that no response within 30 days indicates no interest in participating in pre-construction review).

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 10/05/2007
Notification ID: 31953
Tower Owner Individual or Entity Name: Kleinfelder East, Inc on behalf of Optasite Towers, LLC
Consultant Name: Ashley G Hawes
Street Address: Kleinfelder
99 Lamberton Road Suite 201
City: Windsor
State: CONNECTICUT
Zip Code: 06095
Phone: 860-683-4200
Email: ahawes@kleinfelder.com

Structure Type: POLE - Any type of Pole
Latitude: 41 deg 41 min 58.0 sec N
Longitude: 72 deg 33 min 50.4 sec W
Location Description: 58 Montano Road
City: Glastonbury
State: CONNECTICUT
County: HARTFORD
Ground Elevation: 79.2 meters
Support Structure: 36.6 meters above ground level
Overall Structure: 36.6 meters above ground level
Overall Height AMSL: 115.8 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

From: <lowernotifyinfo@fcc.gov>
To: <ahawes@kleinfelder.com>
CC: <lowernotifyinfo@fcc.gov>, <KKnowles@mptn-nsn.gov>
Date: 10/11/2007 12:13 PM
Subject: Reply to Proposed Tower Structure (Notification ID #31953) - Email ID #1673359

Dear Ashley G Hawes,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from THPO Kathleen Knowles of the Mashantucket Pequot Tribe in reference to Notification ID #31953:

Dear Ms Hawes,
Regarding Notification ID # 31953, please send requested attachments, and will this project result in ground disturbance ?
Kathleen Knowles,
Tribal Historic Preservation Officer
Mashantucket Pequot Tribe

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 10/05/2007
Notification ID: 31953
Tower Owner Individual or Entity Name: Kleinfelder East, Inc on behalf of Optasite Towers, LLC
Consultant Name: Ashley G Ashley
Street Address: Kleinfelder
99 Lamberton Road Suite 201
City: Windsor
State: CONNECTICUT
Zip Code: 06095
Phone: 860-683-4200
Email: ahawes@kleinfelder.com

Structure Type: POLE - Any type of Pole
Latitude: 41 deg 41 min 58.0 sec N
Longitude: 72 deg 33 min 50.4 sec W
Location Description: 58 Montano Road
City: Glastonbury
State: CONNECTICUT
County: HARTFORD
Ground Elevation: 79.2 meters
Support Structure: 36.6 meters above ground level
Overall Structure: 36.6 meters above ground level
Overall Height AMSL: 115.8 meters above mean sea level

KLEINFELDER
EXPECT MORE®

October 15, 2007

Kathleen Knowles, Tribal Historic Preservation Officer
Mashantucket Pequot Tribe
Mashantucket Pequot Museum and Research Center
110 Pequot Trail
Mashantucket, CT 06338-3180

**RE: Invitation to Comment Under Section 106: Proposed Monopole Communications Tower
Optasite Towers, LLC – Montano 58 Site
58 Montano Road
Glastonbury, Hartford County, Connecticut
KA Project No. 88705**

Dear Ms. Knowles:

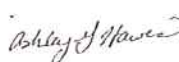
On behalf of Optasite Towers, LLC (Optasite), Kleinfelder is performing a National Environmental Policy Act (NEPA) site assessment for the Optasite Glastonbury Site located on Montano Road in Glastonbury, Hartford County, Connecticut. Kleinfelder is submitting this correspondence as a follow-up to the Tower Construction Notification System (TCNS) filing No. 31953 submitted to you on October 5, 2007 requesting whether you have any interest in consulting on this project.

Optasite is proposing to construct a 50- by 50-foot fenced compound, within a 50-foot by 50-foot lease area, containing a 120-foot tall monopole telecommunications tower and associated equipment. The proposed site will be situated within a lease area that currently consists of undeveloped woodland. The compound will also include a proposed 12-foot wide by approximately 330-foot long gravel access drive extending from an existing driveway off Montano Road to provide access to the site. The requested attachments are included for your reference.

Please respond by November 5, 2007 with an opinion of interest or no interest.

Thank you for your attention in this matter. If you have any questions I can be reached at (860)683-4200, ext. 140.

Very truly yours,
Kleinfelder East, Inc.

 2007.10.15
15:04:56 -04'00'

Ashley G. Hawes
Project Scientist

From: <towernotifyinfo@fcc.gov>
To: <ahawes@kleinfelder.com>
CC: <towernotifyinfo@fcc.gov>, <KKnowles@mptn-nsn.gov>
Date: 10/22/2007 2:55 PM
Subject: Reply to Proposed Tower Structure (Notification ID #31953) - Email ID #1680194

Dear Ashley G Hawes,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from THPO Kathleen Knowles of the Mashantucket Pequot Tribe in reference to Notification ID #31953:

Dear Ms Hawes,
Regarding Notification ID # 31953, after reviewing the information provided, we have no knowledge of properties of religious and cultural importance to the Mashantucket Pequot Tribe. However, we recommend a Phase I Archaeological Reconnaissance Survey be conducted to identify previously unknown properties of cultural and religious importance. We would appreciate a copy of any work performed on this project.
Kathleen Knowles,
Tribal Historic Preservation Officer
Mashantucket Pequot Tribe

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 10/05/2007
Notification ID: 31953
Tower Owner Individual or Entity Name: Kleinfelder East, Inc on behalf of Optasite Towers, LLC
Consultant Name: Ashley G Ashley
Street Address: Kleinfelder
99 Lamberton Road Suite 201
City: Windsor
State: CONNECTICUT
Zip Code: 06095
Phone: 860-683-4200
Email: ahawes@kleinfelder.com

Structure Type: POLE - Any type of Pole
Latitude: 41 deg 41 min 58.0 sec N
Longitude: 72 deg 33 min 50.4 sec W
Location Description: 58 Montano Road
City: Glastonbury
State: CONNECTICUT
County: HARTFORD
Ground Elevation: 79.2 meters
Support Structure: 36.6 meters above ground level
Overall Structure: 36.6 meters above ground level
Overall Height AMSL: 115.8 meters above mean sea level



12-10-07

Ms Ashley G. Hawes,
Project Scientist
Kleinfelder East, Inc.
99 Lamberton Rd. Suite 201
Windsor, CT 06095

Re: PRELIMINARY ARCHEOLOGICAL ASSESSMENT OF THE PROPOSED
MONTANO TELECOMMUNICATIONS TOWER LOCATED IN GLASTONBURY,
CONNECTICUT
TCNS NOTIFICATION ID # 31953

Dear Ms Hawes,

I have reviewed the Preliminary Archeological Assessment entitled "PRELIMINARY ARCHEOLOGICAL ASSESSMENT OF THE PROPOSED MONTANO TELECOMMUNICATIONS TOWER LOCATED IN GLASTONBURY, CONNECTICUT," submitted by Heritage Consultants, LLC. The research design and testing strategy meets acceptable professional standards, and I agree with the recommendations and conclusions. Please keep me informed of any further developments with respect to this project.

Sincerely,

Kathleen Knowles

Kathleen Knowles,
Tribal Historic Preservation Officer
Mashantucket Pequot Tribe

MASHANTUCKET PEQUOT MUSEUM
& RESEARCH CENTER

110 Pequot Trail, PO Box 3180
Mashantucket, CT 06338
Phone: 860 396 6800
Fax: 860 396 6850
www.pequotmuseum.org

KLEINFELDER
EXPECT MORE®

October 15, 2007

Sequahna Mars
Cell Tower Coordinator
Narragansett Indian Tribe
P.O. Box 268
Charlestown, Rhode Island 02813

**RE: Invitation to Comment Under Section 106: Proposed Monopole Communications Tower
Optasite Towers, LLC – Montano 58 Site
58 Montano Road
Glastonbury, Hartford County, Connecticut
KA Project No. 88705**

Dear Sequahna Mars:


On behalf of Optasite Towers, LLC (Optasite), Kleinfelder is performing a National Environmental Policy Act (NEPA) site assessment for the Optasite Glastonbury Site located on Montano Road in Glastonbury, Hartford County, Connecticut. Kleinfelder is submitting this correspondence as a follow-up to the Tower Construction Notification System (TCNS) filing No. 31953 submitted to you on October 5, 2007 requesting whether you have any interest in consulting on this project.

Optasite is proposing to construct a 50- by 50-foot fenced compound, within a 50-foot by 50-foot lease area, containing a 120-foot tall monopole telecommunications tower and associated equipment. The proposed site will be situated within a lease area that currently consists of undeveloped woodland. The compound will also include a proposed 12-foot wide by approximately 330-foot long gravel access drive extending from an existing driveway off Montano Road to provide access to the site. A USGS topographical map is attached for your reference.

Please respond by November 5, 2007 with an opinion of interest or no interest.

Thank you for your attention in this matter. If you have any questions I can be reached at (860)683-4200, ext. 140.

Very truly yours,
Kleinfelder East, Inc.

 2007.10.15
15:04:41 -04'00'

Ashley G. Hawes
Project Scientist

From: <towernotifyinfo@fcc.gov>
To: <ahawes@kleinfelder.com>
CC: <towernotifyinfo@fcc.gov>, <sequahna@yahoo.com>
Date: 10/25/2007 6:08 PM
Subject: Reply to Proposed Tower Structure (Notification ID #31953) - Email ID #1684929

Dear Ashley G Hawes,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Cell Tower Coordinator Sequahna Mars of the Narragansett Indian Tribe in reference to Notification ID #31953:

On behalf of the Narragansett Indian Tribe, the Narragansett Indian Tribal Historic Preservation Office is hereby formally initiating consultation and review of cell tower site designated by TCNS # 31953, located in Glastonbury, CT. Follow-up on behalf of the cell tower carrier should be initiated by contacting Sequahna Mars, at sequahna@yahoo.com, or Doug Harris, at 401-742-4035, or dh@nithpo.com. Thank you.

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 10/05/2007
Notification ID: 31953
Tower Owner Individual or Entity Name: Kleinfelder East, Inc on behalf of Optasite Towers, LLC
Consultant Name: Ashley G Ashley
Street Address: Kleinfelder
99 Lambertson Road Suite 201
City: Windsor
State: CONNECTICUT
Zip Code: 06095
Phone: 860-683-4200
Email: ahawes@kleinfelder.com

Structure Type: POLE - Any type of Pole
Latitude: 41 deg 41 min 58.0 sec N
Longitude: 72 deg 33 min 50.4 sec W
Location Description: 58 Montano Road
City: Glastonbury
State: CONNECTICUT
County: HARTFORD
Ground Elevation: 79.2 meters
Support Structure: 36.6 meters above ground level
Overall Structure: 36.6 meters above ground level
Overall Height AMSL: 115.8 meters above mean sea level

KLEINFELDER
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October 31, 2007

Sequahna Mars
Cell Tower Coordinator
Narragansett Indian Tribe
228 Carolina Nooseneck Road
Wyoming, Rhode Island 02898

**RE: Invitation to Comment Under Section 106: Proposed Monopole Communications Tower
Optasite Towers, LLC – Montano 58 Site
58 Montano Road
Glastonbury, Hartford County, Connecticut
KA Project No. 88705**

Dear Sequahna Mars:

As you are aware, Kleinfelder East, Inc. (Kleinfelder) is performing a National Environmental Policy Act (NEPA) assessment on behalf of Optasite Towers, LLC (Optasite) for the Glastonbury Site located on Montano Road in Glastonbury, Hartford County, Connecticut. Kleinfelder is submitting this correspondence as a follow-up to the Tower Construction Notification System (TCNS) filing No. 31953 submitted to the Narragansett Indian Tribe on October 5, 2007 requesting whether there is interest in consulting on this project. A follow-up letter and USGS topographic map were sent October 16, 2007. Per our telephone discussion on October 29, 2007, I am forwarding you the materials you requested for review.

As a brief review, Optasite is proposing to construct a 50- by 50-foot fenced compound, within a 50-foot by 50-foot lease area, containing a 120-foot tall monopole telecommunications tower and associated equipment. The proposed site will be situated within a lease area that currently consists of undeveloped woodland. The compound will also include a proposed 12-foot wide by approximately 330-foot long gravel access drive extending from an existing driveway off Montano Road to provide access to the site. A USGS topographical map, site plans, and photo-documentation are attached for your reference.

Thank you for your timely attention in this matter. If you have any questions I can be reached at (860)683-4200, ext. 140.

Very truly yours,
Kleinfelder East, Inc.

 Ashley Hawes
2007.10.30 16:38:51
-04'00'

Ashley G. Hawes
Project Scientist



INTEGRATED HISTORIC PRESERVATION PLANNING

November 9, 2007

Ashley Hawes
Kleinfelder, Inc.
99 Lamberton Road
Windsor, CT 06095

RE: Preliminary Archeological Assessment of the Proposed Montano Telecommunications Tower Located in Glastonbury, Connecticut

Ms. Hawes:

Heritage Consultants, LLC, is pleased to have this opportunity to provide Kleinfelder, Inc., with the following preliminary archeological assessment of the proposed Montano telecommunications tower located at 58 Montano Road, Glastonbury, Connecticut (Figure 1). The current project entailed completion of an existing conditions cultural resources summary based on the examination of GIS data obtained from the Connecticut State Historic Preservation Office, as well as historic maps, aerial photographs, and topographic quadrangles maintained by Heritage Consultants, LLC. This investigation did not consider the effects of the proposed construction upon built resources, and it is based upon project location information provided to Heritage Consultants, LLC by Kleinfelder, Inc. The objectives of this study were: 1) to gather and present data regarding previously identified cultural resources situated within the vicinity of the Areas of Potential Effect; 2) to investigate the proposed project parcel in terms of its natural and historical characteristics; and 3) to evaluate the need for completing additional cultural resources investigations.

Figures 2 through 4 (historic map dating from 1855, 1869, and 1880) depict a moderate amount of settlement activity across the project region with a well-developed network of roads that had been established by the mid to late nineteenth century; however, the project parcel itself appears to have been unsettled. Figure 5 (a historic postal service map dating from 1914) confirms the rural nature of the project parcel; however, by the mid twentieth century the areas immediately surrounding the project parcel demonstrate signs of new residential development (Figure 6). Aerial photography dating from the twentieth century (i.e., 1934, 1951, and 1957) show the project region, which served as the location for various functions, including: farming (as denoted by the presence of cleared, agricultural fields), and residential housing (Figures 7 through 9). By 1968 (Figure 10) the landscape surrounding the project parcel had underwent noticeable alterations. As Figures 10 through 12 (aerial images dating from 1968, 1970, and 1986) show, a new major roadway had been built by 1968, which is situated north of the project area, and travels east and west. Aerial photographs from 1998 and 2004 (Figures 13 and 14) clearly depict how the project area has been bound between a major roadway and numerous structures. Thus, these impacts most likely destroyed whatever archaeological integrity (if any) the area may have possessed.

Ms. Ashley Hawes
November 9, 2007
Page 2

Finally, a review of previously recorded cultural resources on file with the Connecticut State Historic Preservation Office revealed that no previously recorded prehistoric or historic archeological sites have been identified within 0.8 km (0.5 mi) of the Areas of Potential Effect (Figure 15). Furthermore, Figure 16 (a digital map of the project region) shows all of the structures in the area and the sloped topography of the project region associated with the adjacent highway berm. Based on the available data, it appears that development throughout the twentieth century, as well as modern use of Areas of Potential Effect, likely has impacted the local soil deposits to a substantial degree. As a result, it is unlikely that intact cultural deposits are situated within the proposed project parcel. Thus, it is the professional opinion of Heritage Consultants, LLC that no further archeological investigations of the proposed Montano telecommunications tower are warranted.

If you have any questions regarding this Technical Memorandum, or if we may be of additional assistance with this or any other projects you may have, please do not hesitate to call us at 860-667-3001 or email us info@heritage-consultants.com. We are at your service.

Sincerely,



Catherine M. Labadia, M.A.
President & Principal Investigator

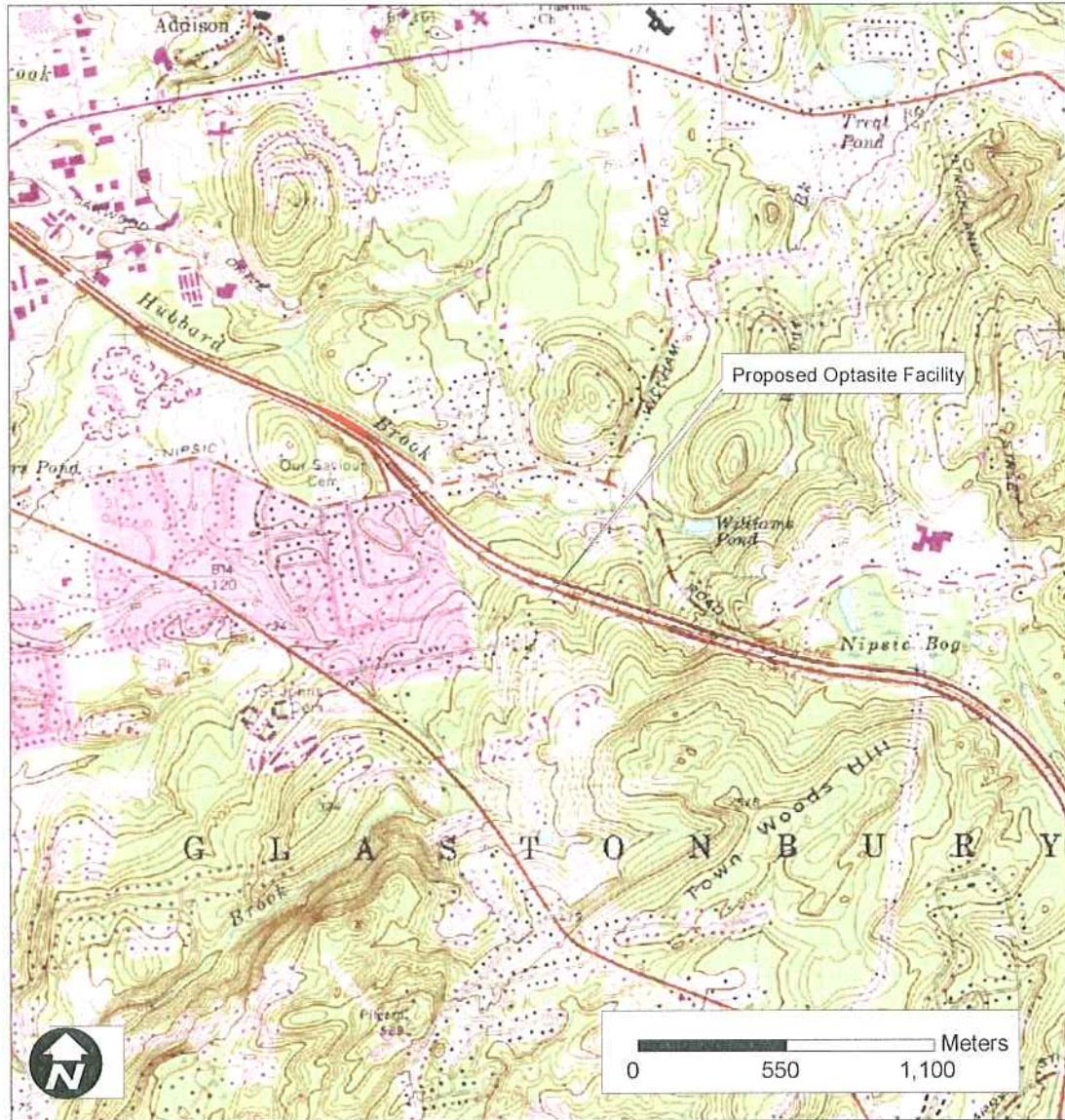


Figure 1. Excerpt from a recent USGS 7.5' series topographic map depicting the approximate location of a proposed cellular communications tower in Glastonbury, Connecticut.

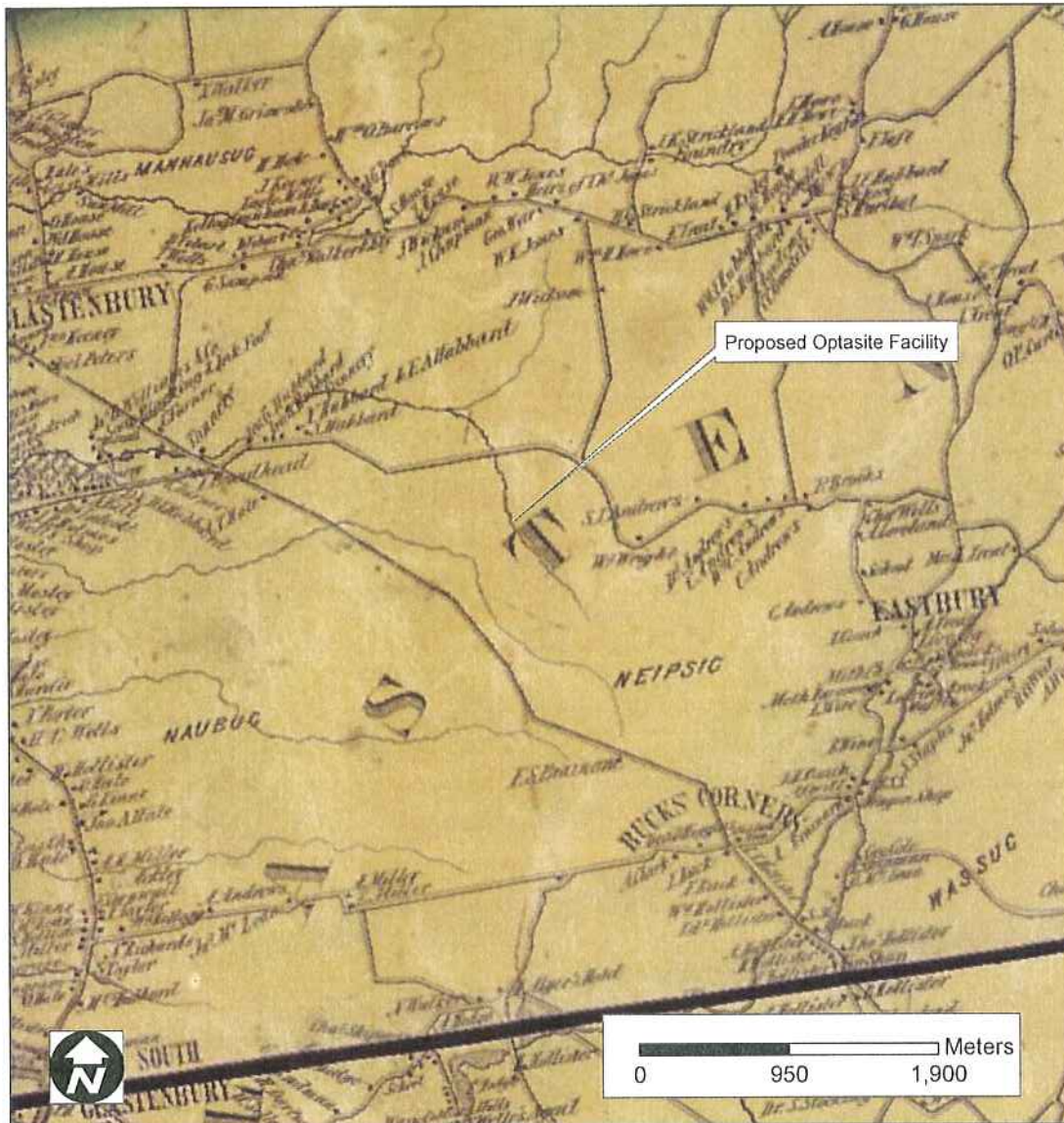


Figure 2. Excerpt from an 1855 historic map depicting the approximate location of a proposed cellular communications tower in Glastonbury, Connecticut.

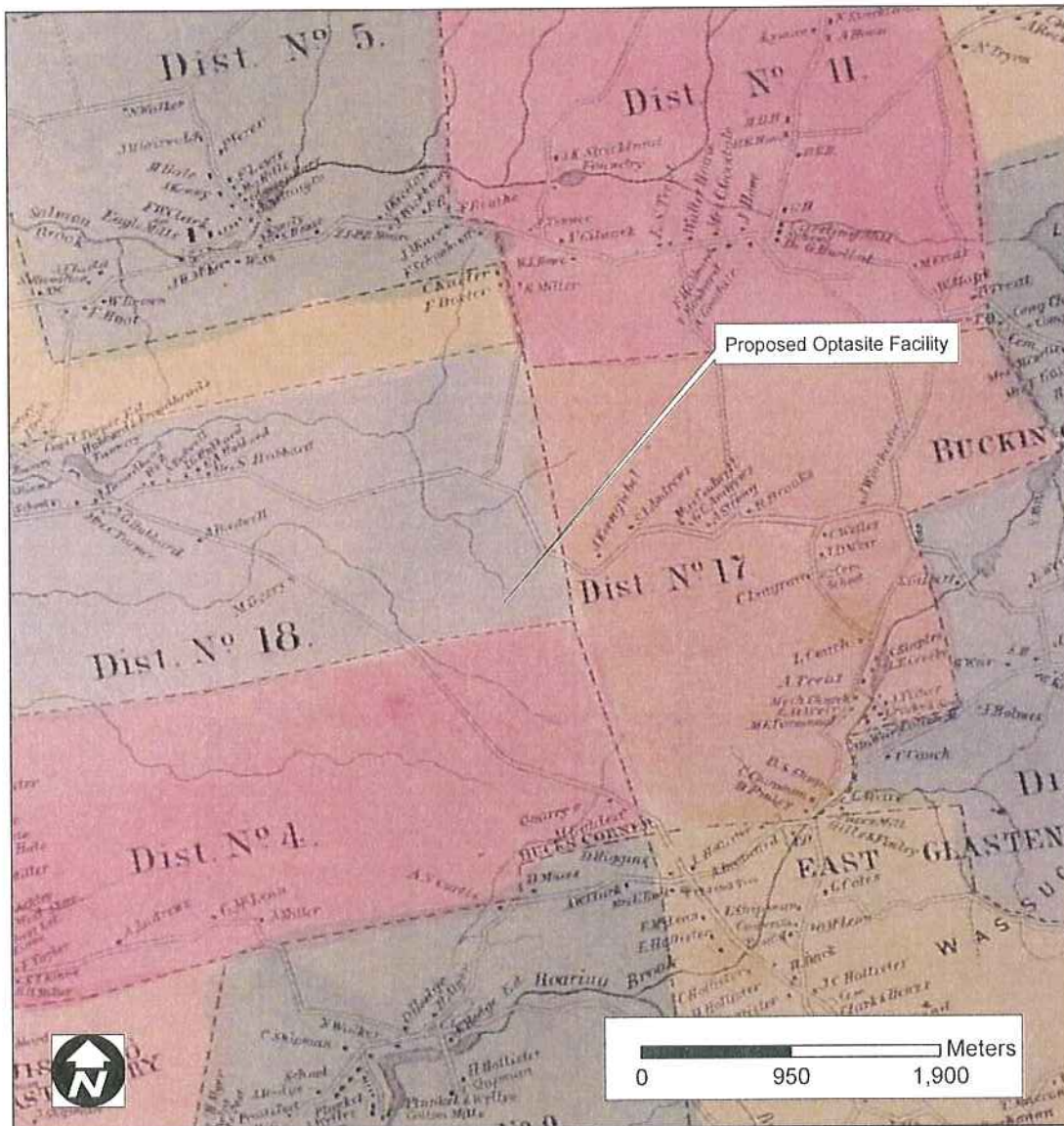


Figure 3. Excerpt from an 1869 historic map depicting the approximate location of a proposed cellular communications tower in Glastonbury, Connecticut.

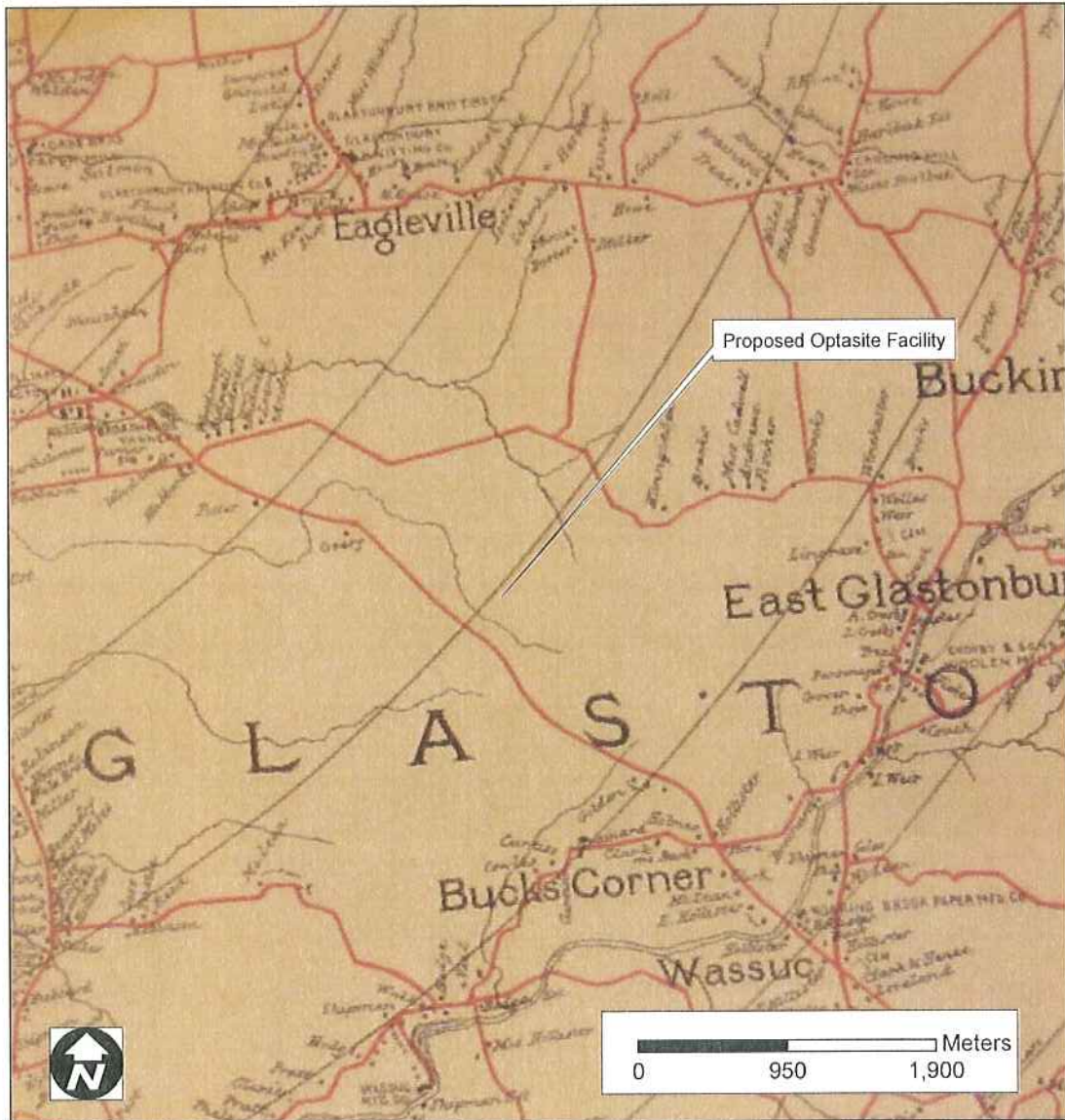


Figure 4. Excerpt from an 1880 historic map depicting the approximate location of a proposed cellular communications tower in Glastonbury, Connecticut.

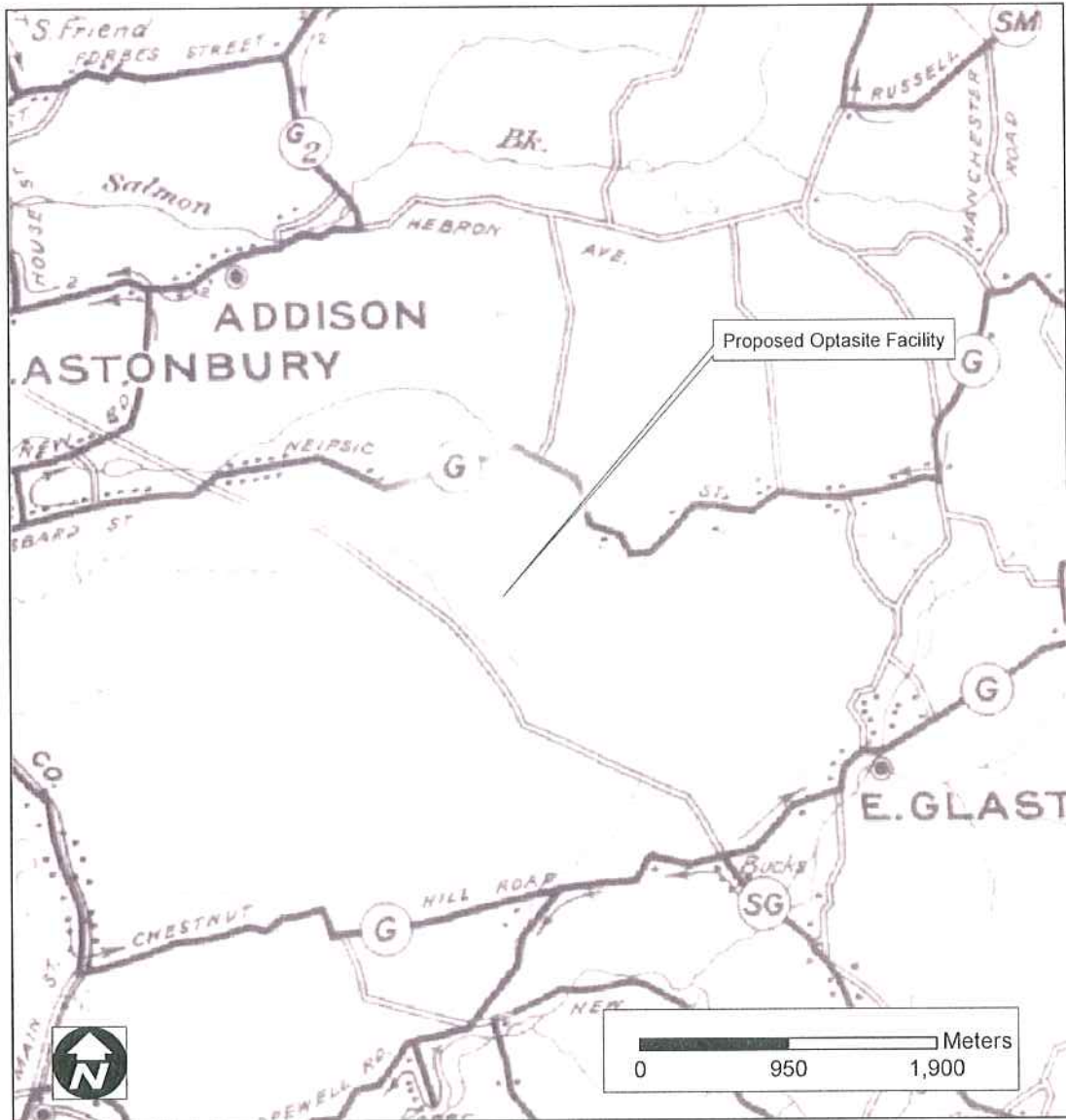


Figure 5. Excerpt from a 1914 historic postal service map depicting the approximate location of a proposed cellular communications tower in Glastonbury, Connecticut.

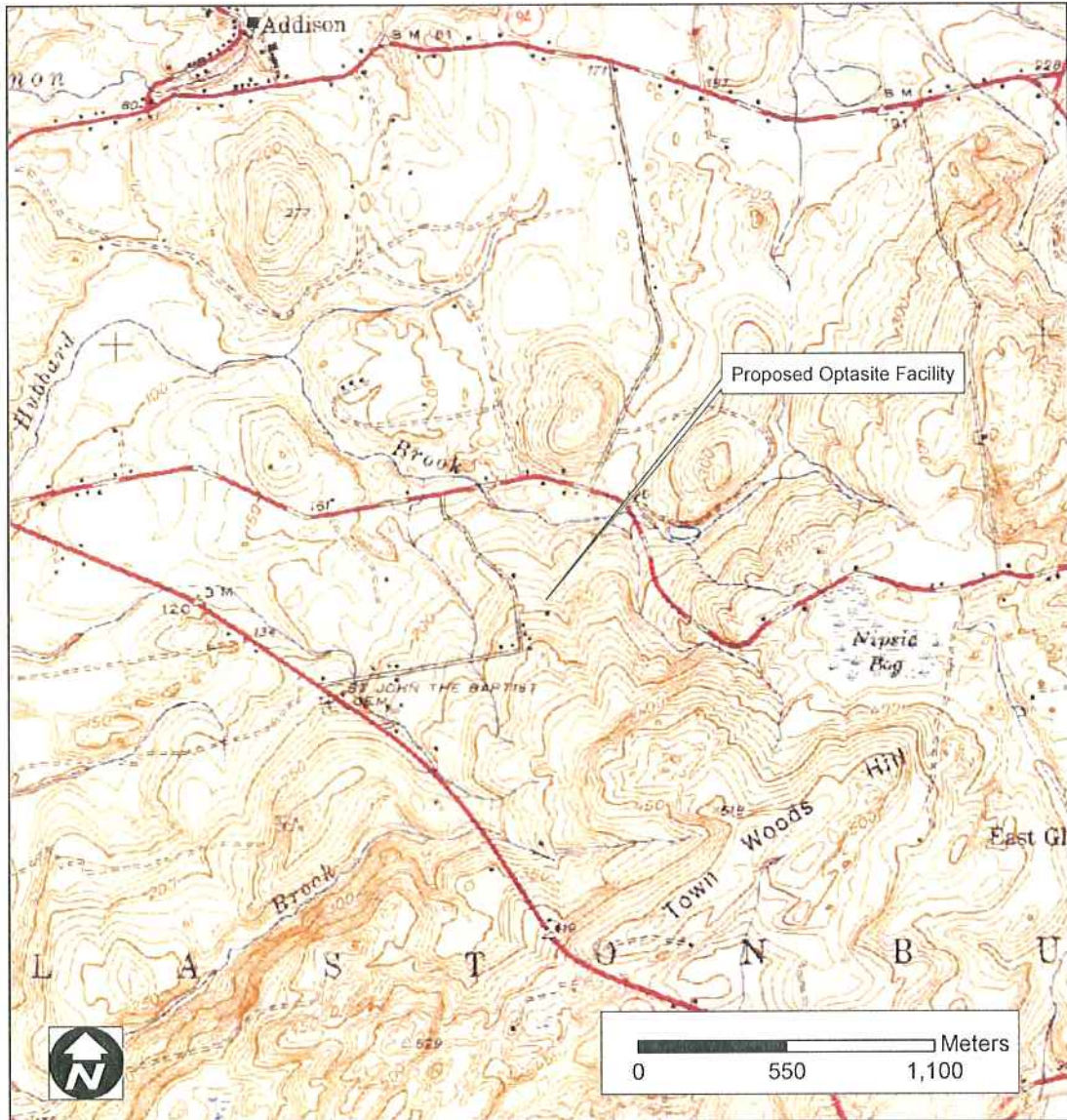


Figure 6. Excerpt from the 1946 USGS 7.5' series topographic quadrangle depicting the approximate location of a proposed telecommunications tower in Glastonbury, Connecticut.



Figure 7. Excerpt from a 1934 aerial photograph depicting the approximate location of a proposed telecommunications tower in Glastonbury, Connecticut.

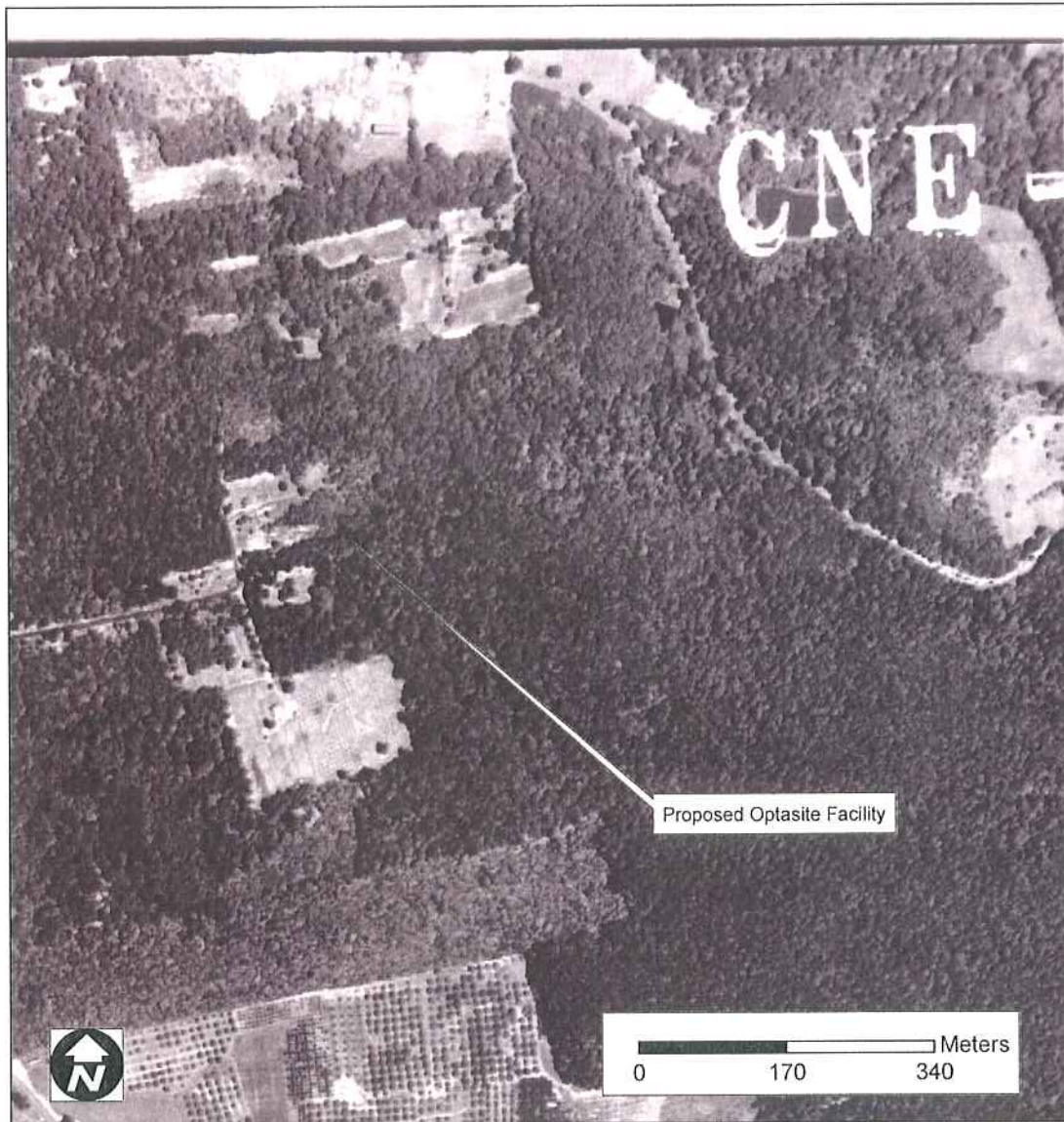


Figure 8. Excerpt from a 1951 aerial photograph depicting the approximate location of a proposed telecommunications tower in Glastonbury, Connecticut.

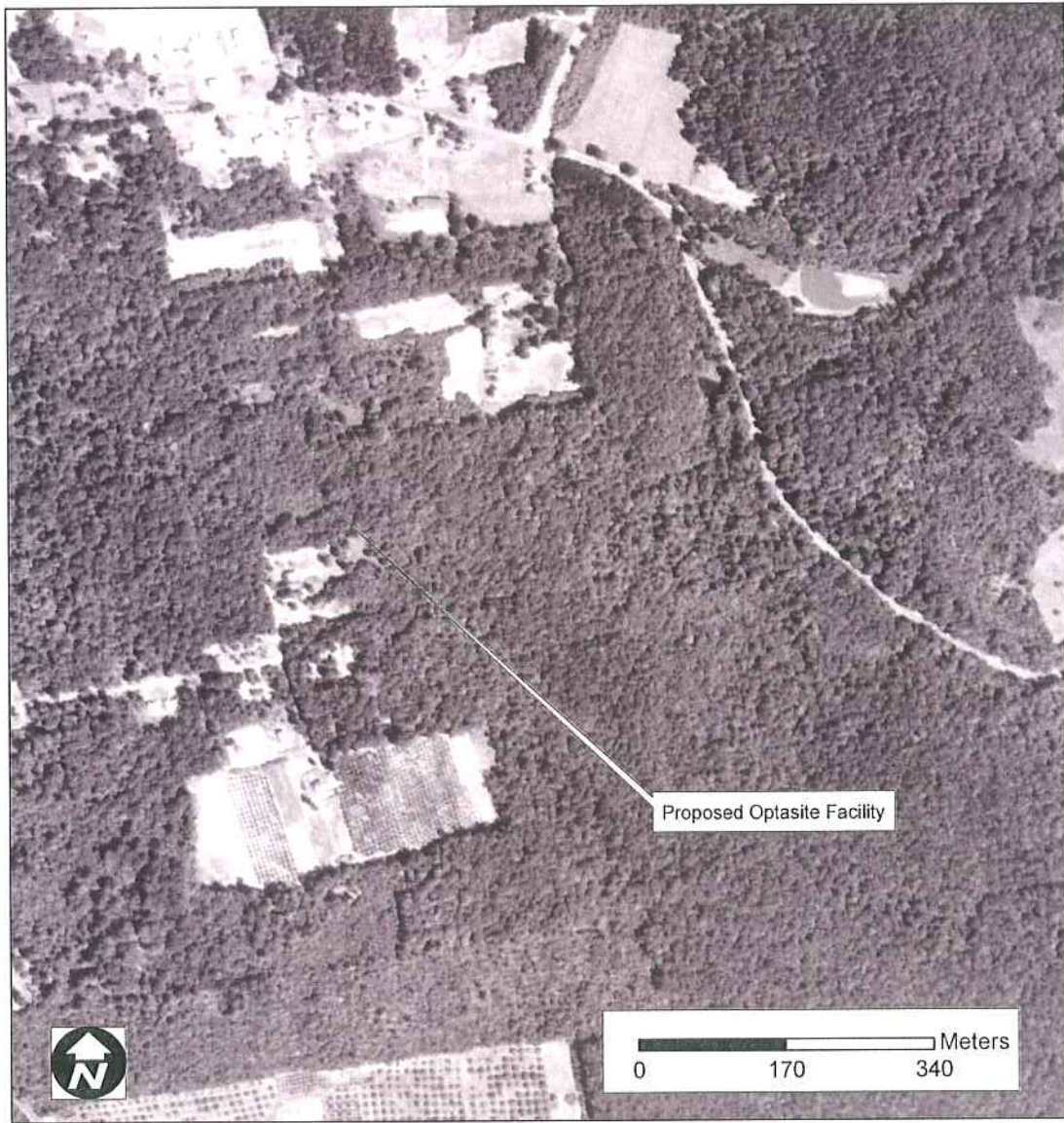


Figure 9. Excerpt from a 1957 aerial photograph depicting the approximate location of a proposed telecommunications tower in Glastonbury, Connecticut.



Figure 10. Excerpt from a 1968 aerial photograph depicting the approximate location of a proposed telecommunications tower in Glastonbury, Connecticut.

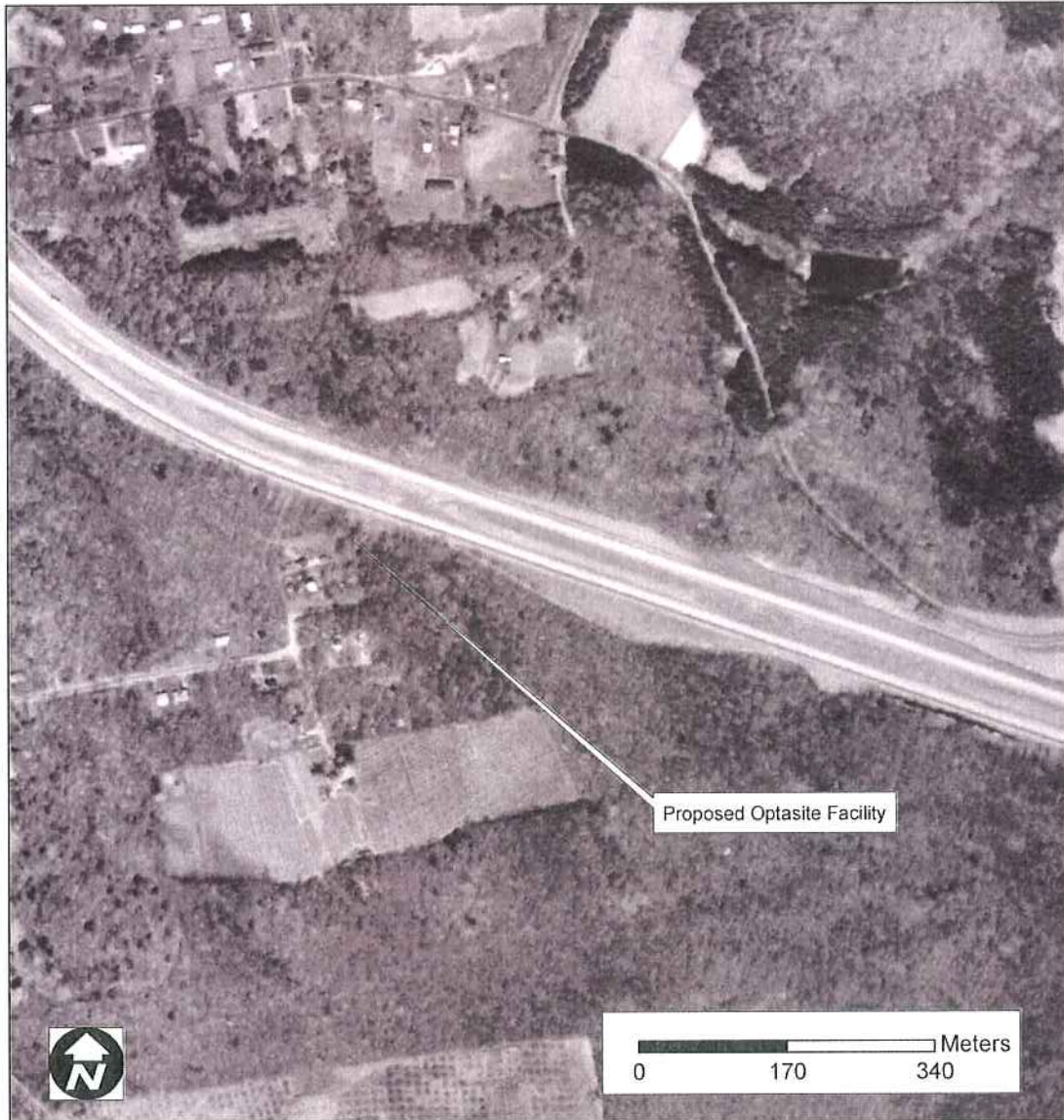


Figure 11. Excerpt from a 1970 aerial photograph depicting the approximate location of a proposed telecommunications tower in Glastonbury, Connecticut.



Figure 12. Excerpt from a 1986 aerial photograph depicting the approximate location of a proposed telecommunications tower in Glastonbury, Connecticut.



Figure 13. Excerpt from a 1998 aerial photograph depicting the approximate location of a proposed telecommunications tower in Glastonbury, Connecticut.

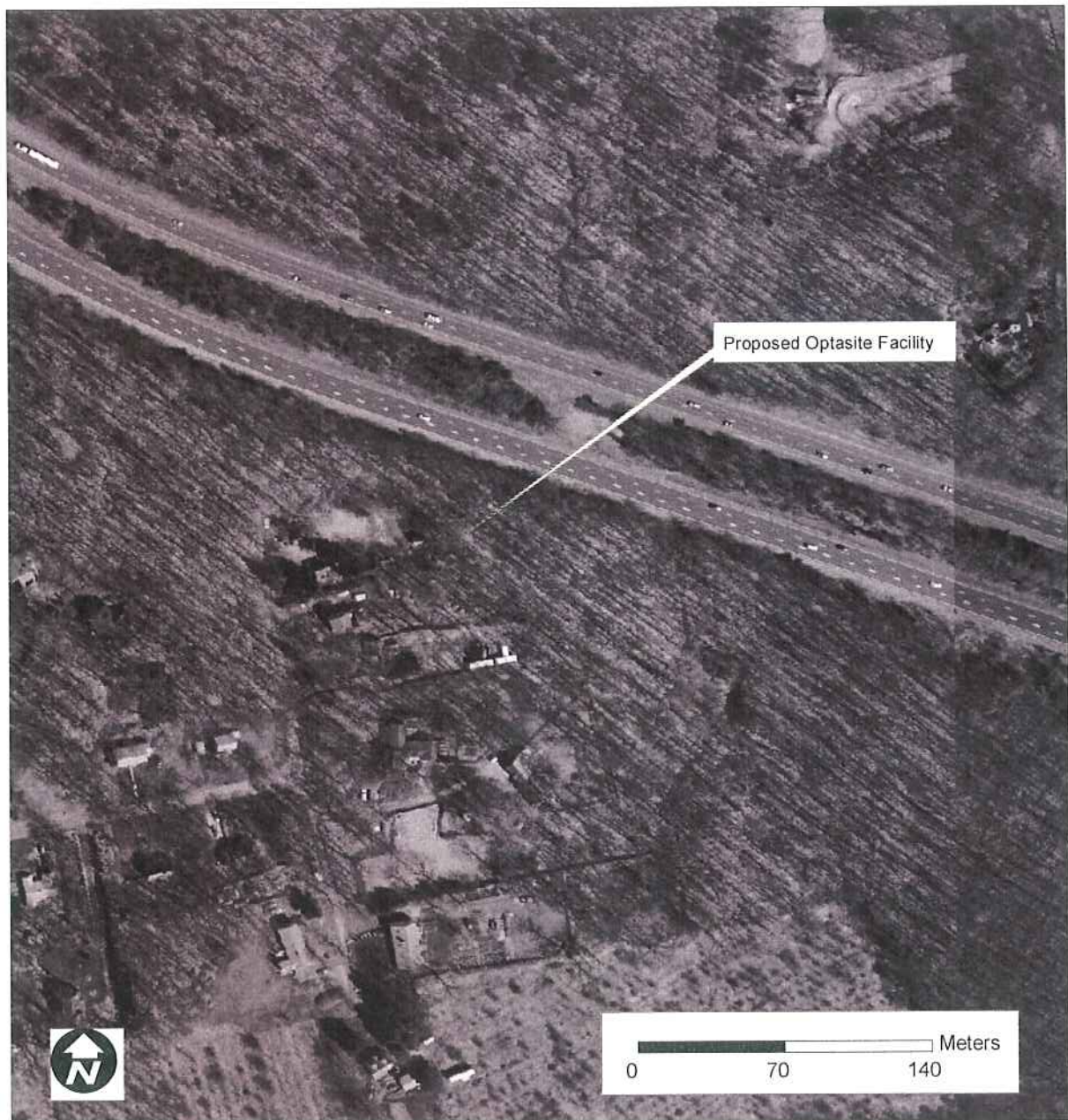


Figure 14. — Excerpt from a 2004 aerial photograph depicting the approximate location of a proposed telecommunications tower in Glastonbury, Connecticut.

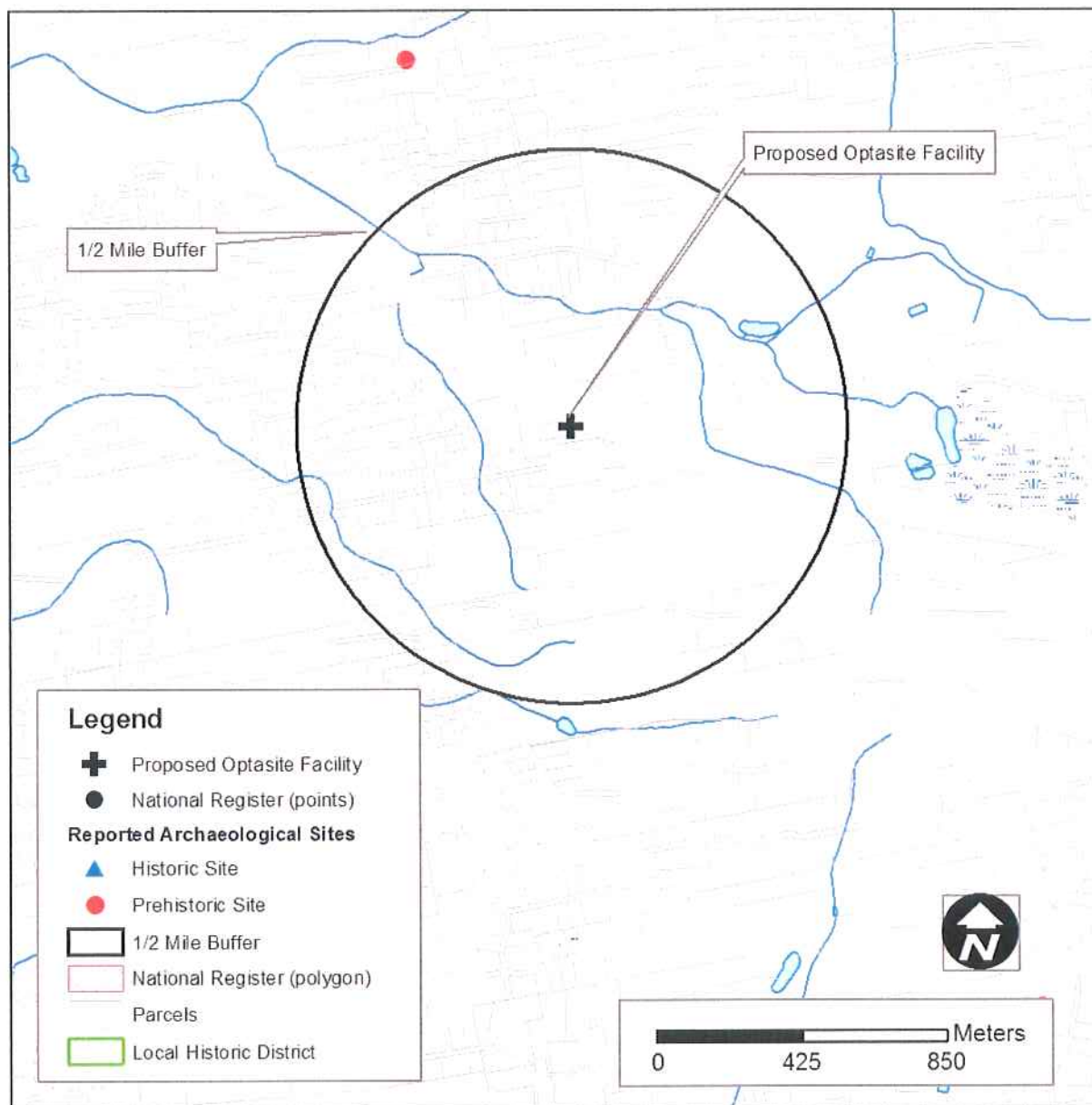


Figure 15. Map of previously identified cultural resources and National Register of Historic Places properties situated in the vicinity of a proposed cellular communication tower in Glastonbury, Connecticut.

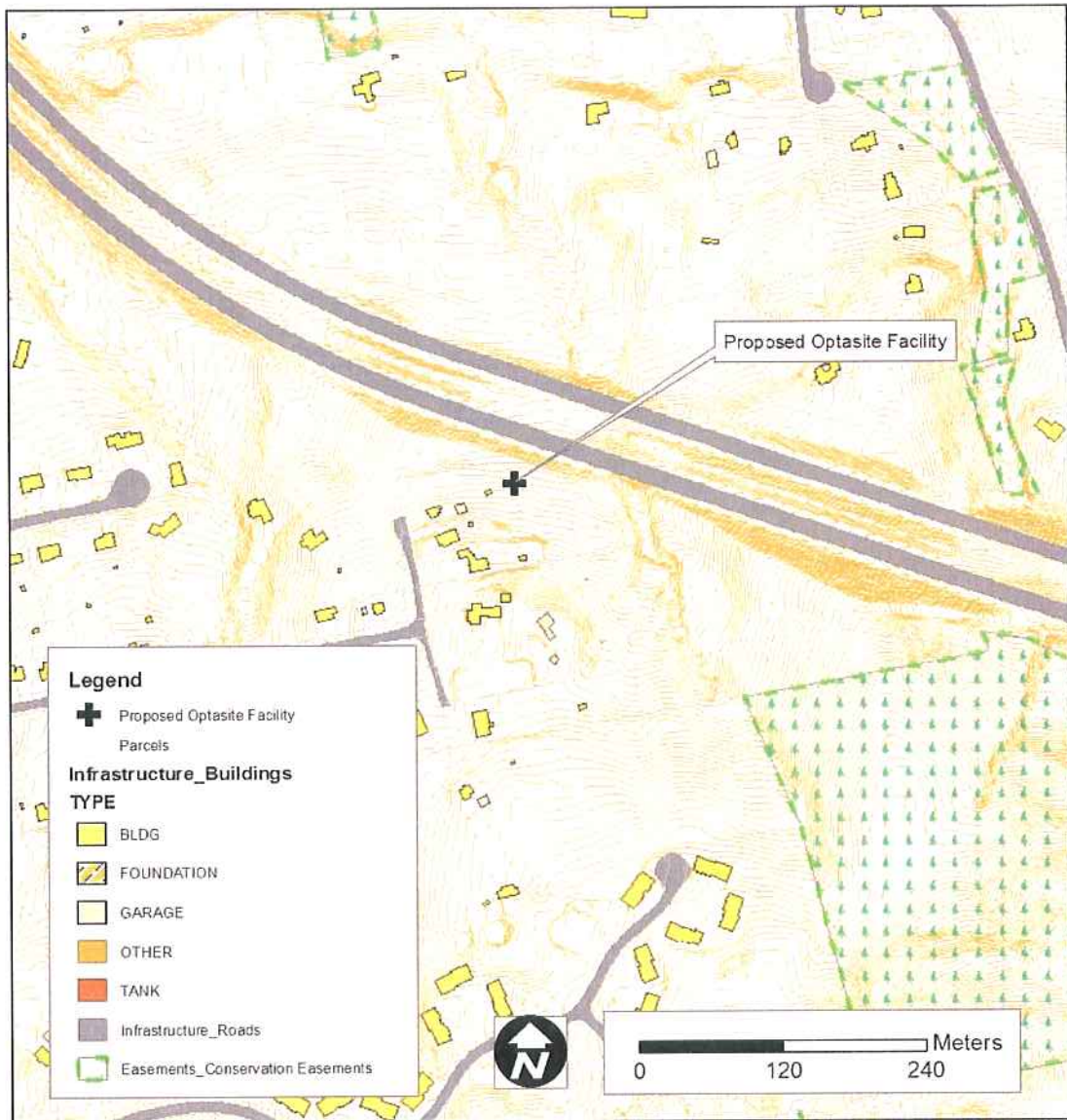
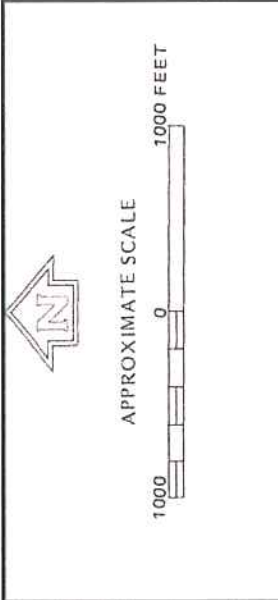
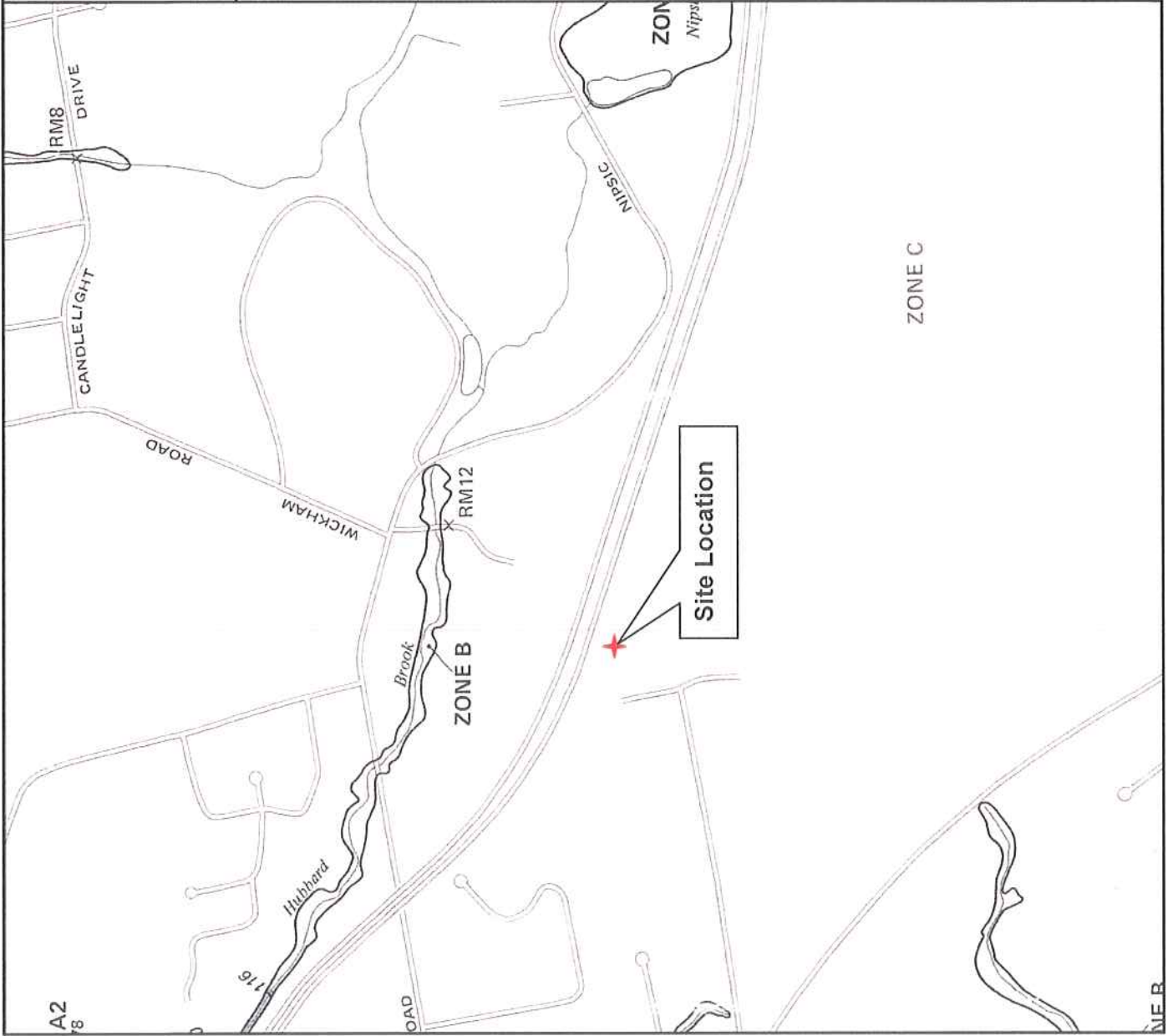


Figure 16. A digital map of all the buildings situated within the vicinity of a proposed cellular communication tower in Glastonbury, Connecticut



Appendix G
FEMA Floodplain Map



NATIONAL FLOOD INSURANCE PROGRAM


FIRM
FLOOD INSURANCE RATE MAP

TOWN OF
GLASTONBURY,
CONNECTICUT
HARTFORD COUNTY

PAGE 5 OF 20

COMMUNITY-PANEL NUMBER
090124 0005 B

EFFECTIVE DATE:
JUNE 15, 1978



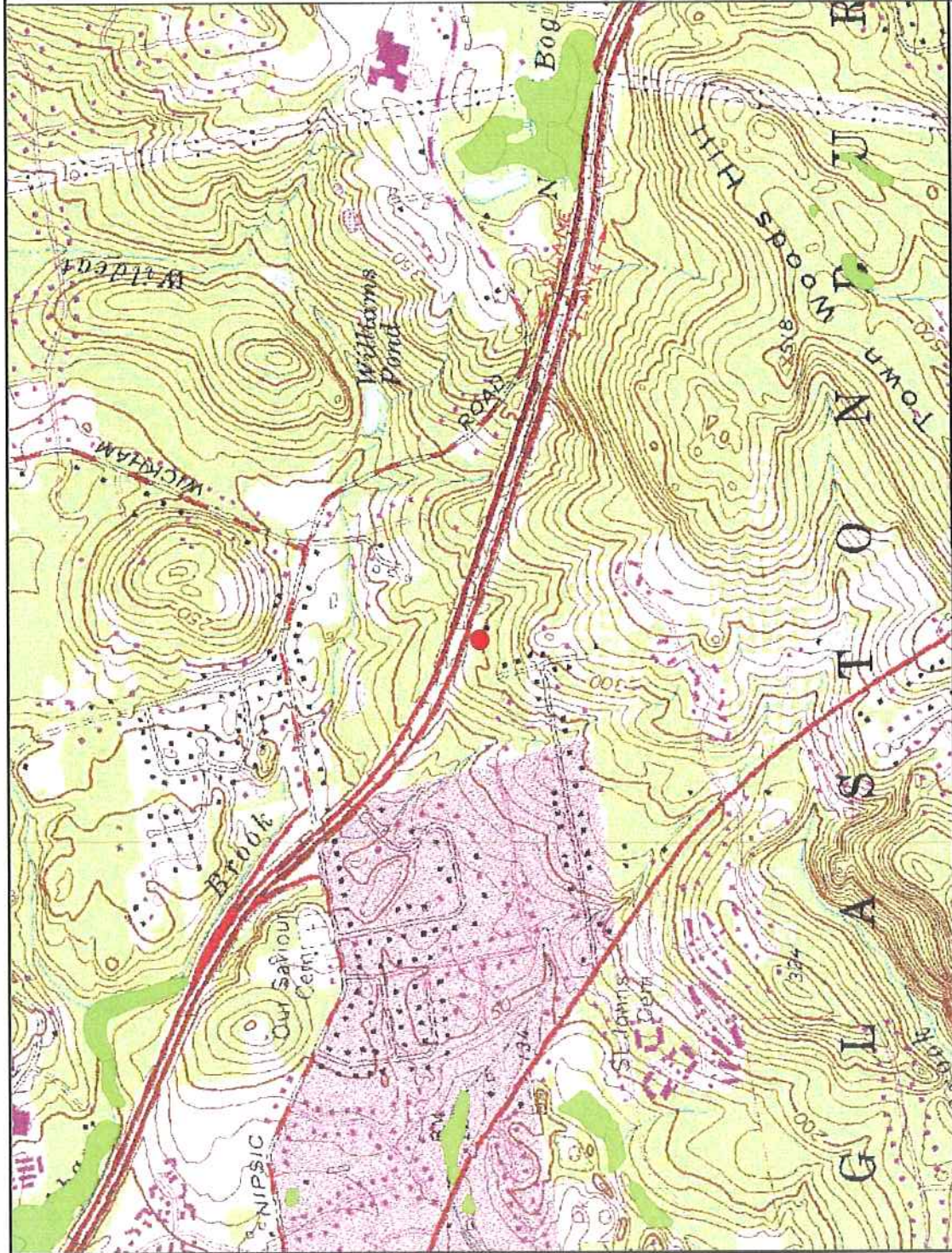
Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



Appendix H


Surface Features



SOURCE	
1. CTDEP TOPOGRAPHIC MAPS DATA SET (7.5 TOPOGRAPHIC MAP, GLASTONBURY, CONNECTICUT)	
2. FISH AND WILDLIFE NATIONAL WETLANDS INVENTORY GIS DATA LAYER	
DRAWN BY: ETH	APPROVED BY: 10-12-07
REVISED BY:	
CHECKED BY:	
DATE:	
NATIONAL WETLAND INVENTORY LOCATION MAP	
MONTANO	
58 MONTANO ROAD	
GLASTONBURY, CONNECTICUT	
PROJ. NO. 08705	FILE NAME: FIGURE1

LEGEND

- SITE LOCATION
- WETLANDS




SCALE IN FEET

0 250 500 1,000 1,500 2,000 2,500

SCALE IN METERS

0 75 150 300 450 600 750

CONNECTICUT



SITE LOCATION

FIGURE 1

KLEINFELDER

99 LAMBERTON ROAD, SUITE 201
WINNSBOR, CONNECTICUT
PH: 860.666.4006
www.kleinfelder.com



LEGEND

- SITE LOCATION
- WETLANDS



CONNECTICUT



FIGURE **1**

KLEINFELDER

95 LAMBERTON ROAD, SUITE 201
 WINDSOR, CONNECTICUT 06095
 PH 860-346-4306
 www.kleinfelder.com

NATIONAL WETLAND INVENTORY LOCATION MAP

DRAWN BY: CTH
 REVISIONS:
 CHECKED BY:
 DATE: 10-10-07

APPROVED BY:
 SOURCE:
 1. CTDEP AERIAL PHOTO DATA SET
 2. FISH AND WILDLIFE NATIONAL WETLANDS INVENTORY GIS DATA LAYER

PROJECT NO.: 08105
 FILE NAME: FIGURE 1

MONTANO
 55 MONTANO ROAD
 GLASTONBURY, CONNECTICUT