



Vanasse Hangen Brustlin, Inc.

February 16, 2007

Ref: 40999.18

Ms. Christine Scanlon
Optasite Towers LLC
One Research Drive, Suite 200C
Westborough, MA 01581

Re: NEPA Compliance Documentation
Proposed Optasite Facility CT-999-0108 - New London
1294 Pleasant Valley Road North
Groton, CT

Dear Ms. Scanlon:

Vanasse Hangen Brustlin, Inc. (VHB) has been retained by Optasite Towers LLC (Optasite), to review environmental resource information outlined in 47 CFR Ch.1 § 1.1307 sections (a) and (b) for environmental consequences pursuant to the Federal Communications Commission ("FCC or Commission") requirements. Optasite is proposing to construct a new wireless telecommunications facility on the northern portion of property located at 1294 Pleasant Valley Road North in Groton, Connecticut (Optasite Site ID # 999-0108 – New London). Optasite plans to erect a ±140-foot tall monopole, attach carrier antennae onto the monopole, and install associated future ground equipment at the base of the monopole situated within a proposed ±50-foot by ±50-foot chain-link fenced enclosed lease compound area. The project area is located west of Pleasant Valley Road North on property currently occupied by a dog kennel business. The proposed compound area is situated approximately 215 feet southwest of the dog kennel building in a presently cleared area. The proposed access/utilities easement will follow the existing asphalt-paved and gravel driveways of the property. Based on information provided by Optasite, the coordinates for the proposed facility are 41° 23' 59.9" North Latitude and 72° 04' 45.2" West Longitude. Specifically, VHB reviewed source information outlined below to determine if the proposed facility will be located in an environmentally sensitive area.

National Environmental Policy Act (NEPA) Requirements

As a licensing agency, the FCC complies with NEPA by requiring its licensees to review their proposed actions for environmental consequences. Rules implementing NEPA are found at Title 47 of the Code of Federal Regulations (CFR), Part 1, Subpart I, rule sections 1.1301 to 1.1319.

Section 1.1305 of these rules, state that the Commission "has found no common pattern which would enable it to specify" any particular Commission action as a "major action" under NEPA. Thus, section 1.1306 of the Rules "categorically excluded from environmental processing" all Commission actions except for those specifically identified in section 1.1307. If a licensee's proposed action falls within one of the categories of 1.1307, section 1.1308(a) requires the licensee to consider the potential environmental effects from its construction of antenna facilities or structures, and disclose those effects in an environmental assessment (EA) which is filed with the Commission for review.

54 Tuttle Place
Middletown, Connecticut 06457-1847
860.632.1500 ■ FAX 860.632.7879
email: info@vhb.com
www.vhb.com

VHB has reviewed the following source information for identification, location, and impacts to environmentally sensitive areas:

1. **Officially designated wilderness areas** - State of Connecticut, Department of Environmental Protection (CTDEP) Geographic Information System (GIS) data layers, CTDEP Natural Resources Center and Natural Diversity Data Base (NDDB), and United States Department of Interior – Fish and Wildlife Service (USF&WS), New England Field Office. See attached NEPA screen map prepared by VHB, Inc and letters from CTDEP and USF&WS.
2. **Officially designated wildlife preserve** – CTDEP GIS data layers, CTDEP Natural Resources Center and NDDB, and USF&WS, New England Field Office. See attached NEPA screen map and letters from CTDEP and USF&WS.
3. **Threatened or Endangered Species or designated critical habitats** – CTDEP GIS data, CTDEP’s Natural Resources Center and NDDB, and USF&WS, New England Field Office. See attached NEPA screen map and letters from USF&WS and CTDEP.
4. **National Register of Historic Places** – State of Connecticut Commission on Cultural & Tourism, Historic Preservation & Museum Division, State Historic Preservation Officer (SHPO); National Register and Reported Archeological Sites Connecticut Geographic Information System data layer provided by Heritage Consultants, LLC; and public notice. As part of the public notice requirement, VHB submitted notification of the proposed project the Town of Groton’s municipal offices and local Historic District Commission on December 5, 2006, and published a legal notice in the New London Day on December 12, 2006. See attached NEPA screen map prepared by VHB, Inc., SHPO letter, and public notice documents.
5. **Indian Religious Sites** - State of Connecticut, Connecticut Commission on Cultural & Tourism, Historic Preservation & Museum Division SHPO, National Register and Reported Archeological Sites Connecticut Geographic Information System data layer provided by Heritage Consultants, LLC, and all interested Native American Tribes (NAT) and/or Native Hawaiian Organizations (NHO) identified on FCC’s online Tower Construction Notification System (TCNS). The proposed project area is not located on an American Indian federal reservation trust land; thus, consultation with the United States Department of Interior Bureau of Indian Affairs (BIA) is not necessary. As identified via TCNS, VHB consulted with the Mashantucket Pequot Tribe, Mohegan Indian Tribe, and the Narragansett Indian Tribe. On January 9, 2006, Ms. Stacy Dufresne, the Historic Preservation Compliance Coordinator with the Mohegan Indian Tribe, verbally expressed that their Tribe is not interested in reviewing this project and they have no comments on the proposed project. See attached SHPO letter and letters from the above listed NATs. Please note that in the unlikely event that tribal artifacts or human remains are encountered during construction activities, excavation is required to be halted immediately and the appropriate NATs and SHPO are to be contacted as pursuant to Title 47 CFR Sec. 1.1312 of the Commission's rules.
6. **Flood Plain** – Flood Insurance Rate Maps (FIRM) by Federal Emergency Management Agency (FEMA) Federal Insurance Administration, Office of Risk Assessment 50 C Street, SW Washington, DC 20472; CTDEP GIS data layer. See attached NEPA screen map prepared by VHB, Inc.



Ms. Christine Scanlon
Optasite Towers LLC
Page 3

7. **Significant change in surface features** – Based on field observations and information provided by Optasite and its contractors, the proposed activity by Optasite does not appear to involve a significant change in surface features or result in wetland fill, deforestation or water diversion. See attached Wetlands Delineation Report prepared by VHB, Inc. dated January 29, 2007.
8. **High Intensity white lights located in residential neighborhoods** – N/A; VHB was not provided with lighting information (i.e. FAA form) for this facility. VHB understands that not lighting is required for this facility.

Based on the information currently available, VHB has found **that the proposed facility does not fall under any of the listed categories of Section 1.1307 under the NPA.** The NEPA checklist and NEPA screen map, which outlines the location of the site and the location of the environmental resources, agency correspondence, and a copy of the Site Plans are attached to this letter.

Very truly yours,

VANASSE HANGEN BRUSTLIN, INC.


for Nicole Dentamaro
Environmental/GIS Analyst

Attachments



Site Contact Name: Ms. Christine Scanlon	Site type (choose one): <input checked="" type="checkbox"/> Raw land <input type="checkbox"/> Tower colo* <input type="checkbox"/> Other colo*	Site Cascade ID: CT-999-0108 New London	Site Name & Address: New London 1294 Pleasant Valley Road North Groton, CT
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NEPA Land Use Screening Checklist

FCC NEPA Category	Consulting Agency to Contact	SSEO Document Reference	Check appropriate box(es) below		
			No Adverse Impact	Potential Adverse Impact	CNPA Applies Exempt From Review*
1. Designated Wilderness Areas	National Park Service, US Forest Service, Bureau of Land Management (BLM), CTDEP GIS data layers and CTDEP Natural Resources Center and Natural Diversity Data Base (NDDB), and United States Department of Interior – Fish and Wildlife Service (USF&WS), New England Field Office	Section 3.4.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Designated Wildlife Preserves	National Park Service, US Forest Service, BLM, CTDEP GIS data layers and Natural Resources Center and NDDB, and USF&WS, New England Field Office	Section 3.4.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Threatened or Endangered Species & Critical Habitats	CTDEP GIS data layers and Natural Resources Center and NDDB, and USF&WS, New England Field Office	Section 3.4.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Historic Places	State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer (THPO); Public Notice	Section 3.4.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Indian Religious Sites	SHPO, Tower Construction Notification System (TCNS) website –Native American Tribes (NATs), and/or Native Hawaiian Organizations (NHOs), Bureau of Indian Affairs (BIA)	Section 3.4.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Floodplain	Federal Emergency Management Agency (FEMA)	Section 3.4.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Wetlands & Surface Waterways	US Army Corps of Engineers (ACOE)	Section 3.4.6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. High Intensity White Lights in Residential Neighborhoods	Lighting information, if applicable, to be provide by client via FAA form or other relevant lighting documentation	Section 3.4.7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Based on the Collocation Nationwide Programmatic Agreement (CNPA), the proposed collocation project is exempt from review of the FCC NEPA Category.

Prepared By: Dee Austy
(print name): Nicole Dentamaro

Company: Vanasse Hangen Brustlin, Inc.
Date: February 16, 2007

The undersigned has reviewed and approved this Checklist prior to commencement of site construction.

By: _____
Site Development Manager or Director

Date: _____

Site Contact Name: Ms. Christine Scanlon	Site type (choose one): <input checked="" type="checkbox"/> Raw land <input type="checkbox"/> Tower colo* <input type="checkbox"/> Other colo*	Site Cascade ID: CT-999-0108 New London	Site Name & Address: New London 1294 Pleasant Valley Road North Groton, CT
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3. Threatened or Endangered Species & Critical Habitats	CTDEP GIS data layers and Natural Resources Center and NDDB, and USF&WS, New England Field Office	Section 3.4.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Historic Places	State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer (THPO); Public Notice	Section 3.4.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Indian Religious Sites	SHPO, Tower Construction Notification System (TCNS) website –Native American Tribes (NATs), and/or Native Hawaiian Organizations (NHOs), Bureau of Indian Affairs (BIA)	Section 3.4.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Floodplain	Federal Emergency Management Agency (FEMA)	Section 3.4.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Wetlands & Surface Waterways	US Army Corps of Engineers (ACOE)	Section 3.4.6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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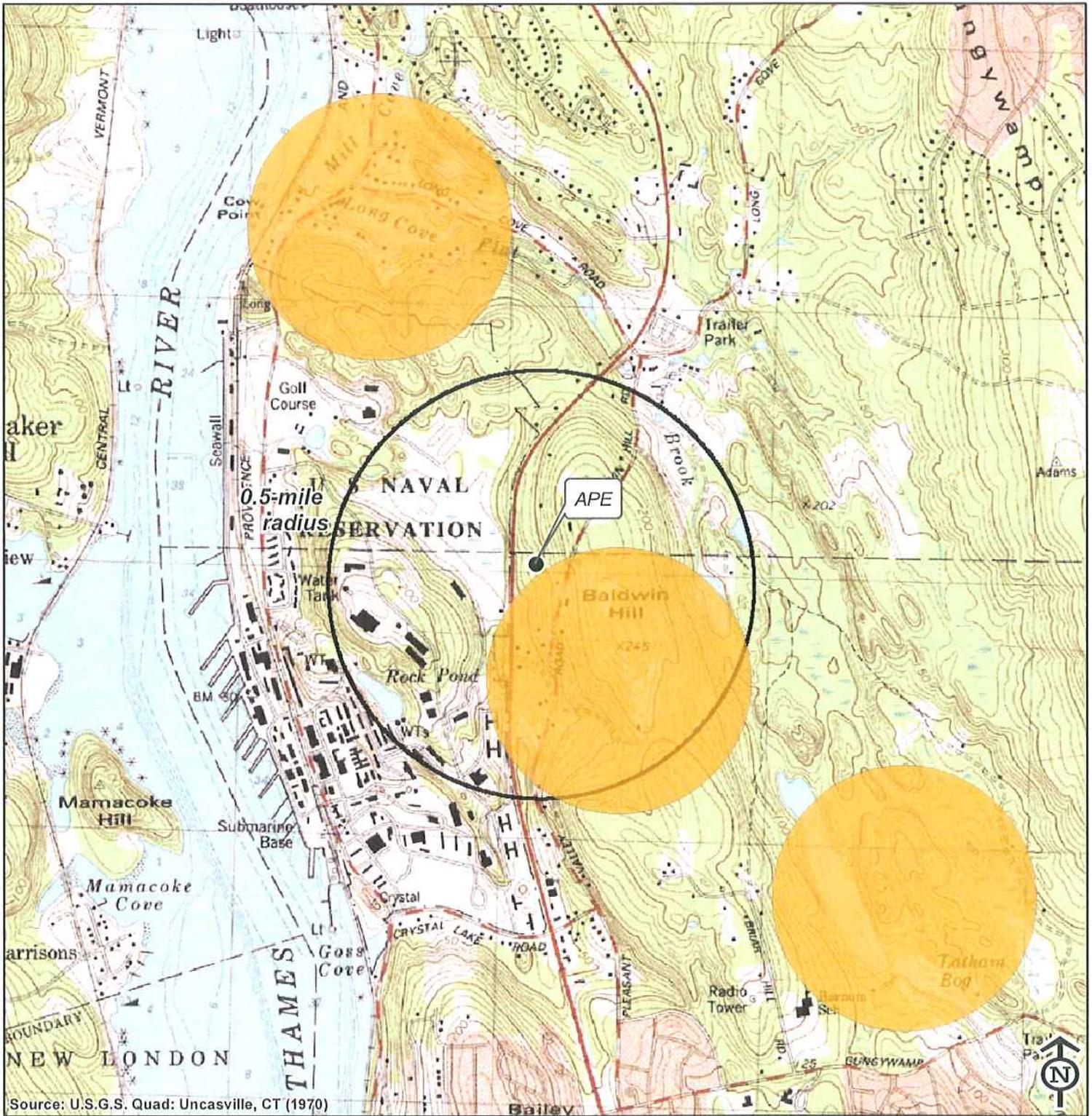
Prepared By: Dean Austepa
(print name): Nicole Dentamaro

Company: Vanasse Hangen Brustlin, Inc.
Date: February 16, 2007

The undersigned has reviewed and approved this Checklist prior to commencement of site construction.

By: _____
Site Development Manager or Director

Date: _____



Source: U.S.G.S. Quad: Uncasville, CT (1970)

- Area of Potential Effect (APE) with 0.5-mile radius
- ▨ Natural Diversity Database Threatened and Endangered Species (updated June 2006, buffered)
- National Register Historic Sites*
- ▨ National Register Historic Districts*
- ▨ Reported Archaeological Sites (buffered)
- ▨ Open Water
- ▨ Wetlands
- Floodplains**
- ▨ 100 Year Floodplain
- ▨ 500 Year Floodplain
- ▨ Floodway
- ▨ Protected Properties (CT DEP; 2002)
- ▨ State Forest
- ▨ State Park
- ▨ DEP Owned Waterbody
- ▨ State Park Scenic Reserve
- ▨ Historic Preserve
- ▨ Natural Area Preserve
- ▨ Fish Hatchery
- ▨ Flood Control
- ▨ Other
- ▨ State Park Trail
- ▨ Water Access
- ▨ Wildlife Area
- ▨ Wildlife Sanctuary
- ▨ Protected Properties (Federal; 2002)

Vanasse Hangen Brustlin, Inc.

NEPA Screen Map
Proposed Optasite Facility
CT-999-0108 - New London
Lat: 41 23 59.9 Long: 72 04 45.2
1294 Pleasant Valley Road
Groton, Connecticut

February 12, 2007



*none within 1/2 mile of APE



United States Department of the Interior

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



December 27, 2006

Reference:	<u>Project</u>	<u>Location</u>
	Tower	Wallingford, CT
	Tower	Groton, CT

Nicole Dentamaro
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Dear Ms. Dentamaro:

This responds to your recent correspondence requesting information on the presence of federally-listed and/or proposed endangered or threatened species in relation to the proposed activity(ies) referenced above.

Based on information currently available to us, no federally-listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation with us under Section 7 of the Endangered Species Act is not required.

This concludes our review of listed species and critical habitat in the project location(s) and environs referenced above. No further Endangered Species Act coordination of this type is necessary for a period of one year from the date of this letter, unless additional information on listed or proposed species becomes available.

Thank you for your coordination. Please contact us at 603-223-2541 if we can be of further assistance.

Sincerely yours,

Anthony P. Tur
Endangered Species Specialist
New England Field Office





STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



December 21, 2006

Ms. Nicole Dentamaro
VHB Services
54 Tuttle Place
Middletown, CT 06457

Re: Proposed Optasite Facility-New
London, 1294 Pleasant Valley Rd,
Groton

Dear Ms. Dentamaro:

I have reviewed Natural Diversity Data Base maps and files regarding the area delineated on the map you provided for the proposed Optasite Facility in Groton, Connecticut. According to our information there are no known extant populations of Federal or State Endangered, Threatened or Special Concern Species that occur at the site in question.

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 Natural Resources Center'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

DMM/blm



Connecticut Commission on Culture & Tourism

December 14, 2006

Historic Preservation
& Museum Division

Ms. Nicole Dentamaro
Vanasse Hangen Brustlin Inc.
54 Tuttle Place
Middletown, CT 06457-1847

59 South Prospect Street
Hartford, Connecticut
06106

(v) 860.566.3005
(f) 860.566.5078

Subject: Telecommunications Facilities
1294 Pleasant Valley Road North
Groton, CT
Optasite #999-0108-New London

Dear Ms. Dentamaro:

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,

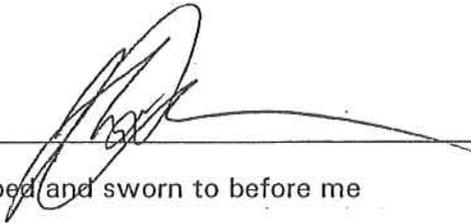
J. Paul Loether
Division Director and Deputy
State Historic Preservation Officer

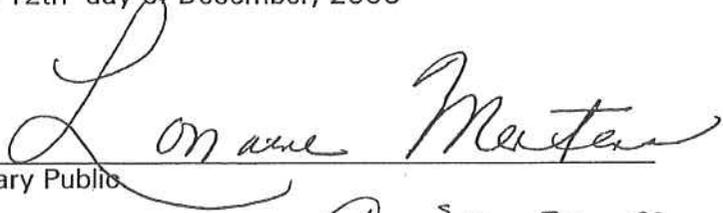


PUBLISHER'S CERTIFICATE

State of Connecticut)
County of New London,) ss. New London

On this 12th day of December, 2006,
Personally appeared before the undersigned, a
Notary Public within and for said County and
State, John Dolahan, Legal Advertising Clerk,
of DAY CLASSIFIED, a daily newspaper published
at New London, County of New London, State of
Connecticut, who being duly sworn, states on
oath, that the Order of Notice in the case of
LEGAL 115 PUBLIC NOTICE
a true copy of which is hereunto annexed, was
published in said newspaper in its issue(s) of
12/12/2006


Subscribed and sworn to before me
this 12th day of December, 2006


Notary Public

My commission expires 9-30-2008

Public Notice

Optastile is proposing to install a new wireless telecommunications facility, consisting of a 1150-foot tall monopole, antenna, and associated ground equipment, at 1294 Pleasant Valley Road North, Groton, CT. This facility will provide improved wireless coverage to areas of Groton.

Parties interested in submitting comments regarding any potential effects of the proposed facility on historic properties may do so by sending comments to Vanasse Hangen Brustlin, Inc., 54 Tuttle Place, Middletown, CT, 06457, to the attention of Nicole Dentamaro. Questions about this proposed project may be submitted via regular mail, email to ndentamaro@vnb.com, or by calling (866) 632-1500 ext. 2317.

VHB will be accepting comments and/or questions within 30 days of the date of this publication. Therefore, all comments or questions regarding this matter should be postmarked/ submitted by no later than January 11, 2007.



December 5, 2006

Vanasse Hangen Brustlin, Inc.

Planning & Development Department
134 Groton Long Point Road
Groton, CT 06340

To comply with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended, Infinigy Engineering, PLLC (Infinigy), on behalf of Optasite Towers LLC (Optasite), has retained Vanasse Hangen Brustlin, Inc. (VHB) to evaluate proposed carrier Facilities for any adverse effect they may have upon historic properties. As part of this evaluation, and in conformance with the Nationwide Programmatic Agreement (NPA) for review of effects on historic properties for proposed undertakings, VHB is submitting this proposed wireless telecommunications facility construction notification to the municipal offices of Groton and local Historic District Commission.

Optasite is proposing to construct a new wireless telecommunications facility on the western portion of property located at 1294 Pleasant Valley Road North in Groton, Connecticut (Optasite Site ID # 999-0108 – New London). Optasite plans to erect a ±150-foot tall monopole, attach carrier antennae onto the monopole, and install associated future ground equipment at the base of the monopole situated within a proposed ±50-foot by ±50-foot chain-link fenced enclosed compound area. The project area is located west of Pleasant Valley Road on property currently occupied by a dog kennel business. The proposed compound area is situated approximately 215 feet southwest of the dog kennel building in a presently wooded area. The proposed access/utilities easement will follow the existing asphalt-paved driveway of the property. Based on information provided by Optasite, the coordinates for the proposed facility are 41° 23' 59.9" North Latitude and 72° 04' 45.2" West Longitude.

The purpose of this letter is to notify the Town of Groton that public notice of this proposed facility will be published in New London Day on December 12, 2006 and to invite comments regarding any potential effects that the proposed Facility may have upon historic properties from relevant individuals or groups that you may be aware of.

Parties interested in submitting comments regarding any potential effects of the proposed Facility on historic properties may do so by sending them to Vanasse Hangen Brustlin, Inc., 54 Tuttle Place, Middletown, CT, 06457, to the attention of Nicole Dentamaro. Questions about this proposed project may be submitted via mail to the above address, emailed to ndentamaro@vhb.com, or by calling (860) 632-1500 ext. 2317.

VHB will be accepting comments and/or questions within 30 days of the date of this publication. Therefore, all comments or questions regarding this matter should be postmarked/submitted by no later than January 11, 2007.

54 Tuttle Place
Middletown, Connecticut 06457-1847
860.632.1500 ■ FAX 860.632.7879
email: info@vhb.com
www.vhb.com



December 5, 2006

Vanasse Hangen Brustlin, Inc.

Historic District Commission
134 Groton Long Point Road
Groton, CT 06340

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VHB will be accepting comments and/or questions within 30 days of the date of this publication. Therefore, all comments or questions regarding this matter should be postmarked/submitted by no later than January 11, 2007.

54 Tuttle Place
Middletown, Connecticut 06457-1847
860.632.1500 ■ FAX 860.632.7879
email: info@vhb.com
www.vhb.com

Dentamaro, Nicole

From: towernotifyinfo@fcc.gov
Sent: Friday, November 17, 2006 3:02 AM
To: Dentamaro, Nicole
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #1371272

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. Historic Preservation Compliance Coardin Stacy Dufresne - Mohegan Indian Tribe - Uncasville, CT - electronic mail and regular mail - *Not interested in this site location per Stacy Dufresne 1-9-06 "No Comments"*

3. 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.

4. SHPO John W Shannahan - Connecticut Historical Commission - Hartford, CT - electronic mail
5. SHPO Cara Metz - Massachusetts Historical Commission - Boston, MA - electronic mail
6. Deputy SHPO Brona Simon - Massachusetts Historical Commission - Boston, MA - electronic mail
7. SHPO Bernadette Castro - Parks, Recreation & Historic Preservation - Albany, NY - regular mail
8. Director Ruth L Pierpont - Bureau of Field Services, NY State Parks &* Hist. Pres. - Waterford, NY - electronic mail
9. SHPO Frederick C Williamson - Rhode Island Historic Preservation & Heritage Comm - Providence, RI - regular mail
10. 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: 11/14/2006
Notification ID: 22066
Tower Owner Individual or Entity Name: VHB/Optasite
Consultant Name: Nicole Dentamaro
Street Address: 54 Tuttle Place
City: Middletown
State: CONNECTICUT
Zip Code: 06457
Phone: 860-632-1500
Email: ndentamaro@vhb.com

Structure Type: POLE - Any type of Pole
Latitude: 41 deg 23 min 57.0 sec N
Longitude: 72 deg 4 min 45.0 sec W
Location Description: 1294 Pleasant Valley Road
City: Groton
State: CONNECTICUT
County: NEW LONDON
Ground Elevation: 49.4 meters
Support Structure: 45.7 meters above ground level
Overall Structure: 45.7 meters above ground level
Overall Height AMSL: 95.1 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



INTEGRATED HISTORIC PRESERVATION PLANNING

November 30, 2006

Nicole Dentamaro
Environmental Scientist
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

RE: Preliminary Archeological Assessment of Telecommunications Tower 999-0108 - New London Located at 1294 Pleasant Valley Road North in Groton, Connecticut

Ms. Dentamaro:

Heritage Consultants, LLC, is pleased to have this opportunity to provide Vanasse Hangen Brustlin, Inc., with the following preliminary archeological assessment of proposed telecommunications tower 999-0108 - New London Located at 1294 Pleasant Valley Road North in Groton, 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 Vanasse Hangen Brustlin, 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 parcels in terms of its natural and historical characteristics; and 3) to evaluate the need for completing additional cultural resources investigations.

As shown in Figures 2 and 3, the proposed project parcel was situated in a largely rural area outside of the developing community of Groton, during the mid nineteenth century. Although there are a few residential structures that appear to be situated near the project parcel on the 1854 or 1868 maps (Figures 2 and 3), the 1934 aerial photograph depicts the proposed project area within an agricultural field (Figure 4). While not apparent in this aerial photograph, the 1941 USGS topographic quadrangle demonstrates that significant changes have occurred to the landscape when compared to the modern topographic quadrangle (Figures 1 and 5). The 1970 aerial photograph shows that substantial development had occurred in the region with construction of Route 12 and the expansion of the U.S. Naval Reservation (Figure 6). Furthermore, the aerial photographs dating from 1985 and 2004 suggest that the project parcel experienced substantial changes associated with the construction, use, expansion, and maintenance of a pet grooming and boarding facility which included large areas of gravel and fill (Figures 7 through 8).

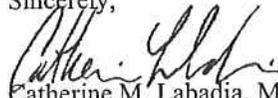
Despite these obvious disturbances, Heritage Consultants, LLC examined the Connecticut archaeological site files maintained by the Connecticut State Historic Preservation Office. This review identified no properties listed on the National Register of Historic Places, but a single previously recorded archeological site. This archeological site is not situated within or immediately adjacent to the proposed

Ms. Nicole Dentamaro
November 30, 2006
Page 2

tower location. Therefore, despite the identification of this resource, the low probability for identifying an archeological site in this location and the degree of disturbance suggest that it is highly unlikely that intact cultural remains exist within the Area of Potential Effect. Because construction of the tower will utilize existing easements and be confined to areas consisting of fill and gravel, it is the professional opinion of Heritage Consultants, LLC that further archeological investigations of proposed telecommunications tower CT-999-0108 are not 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

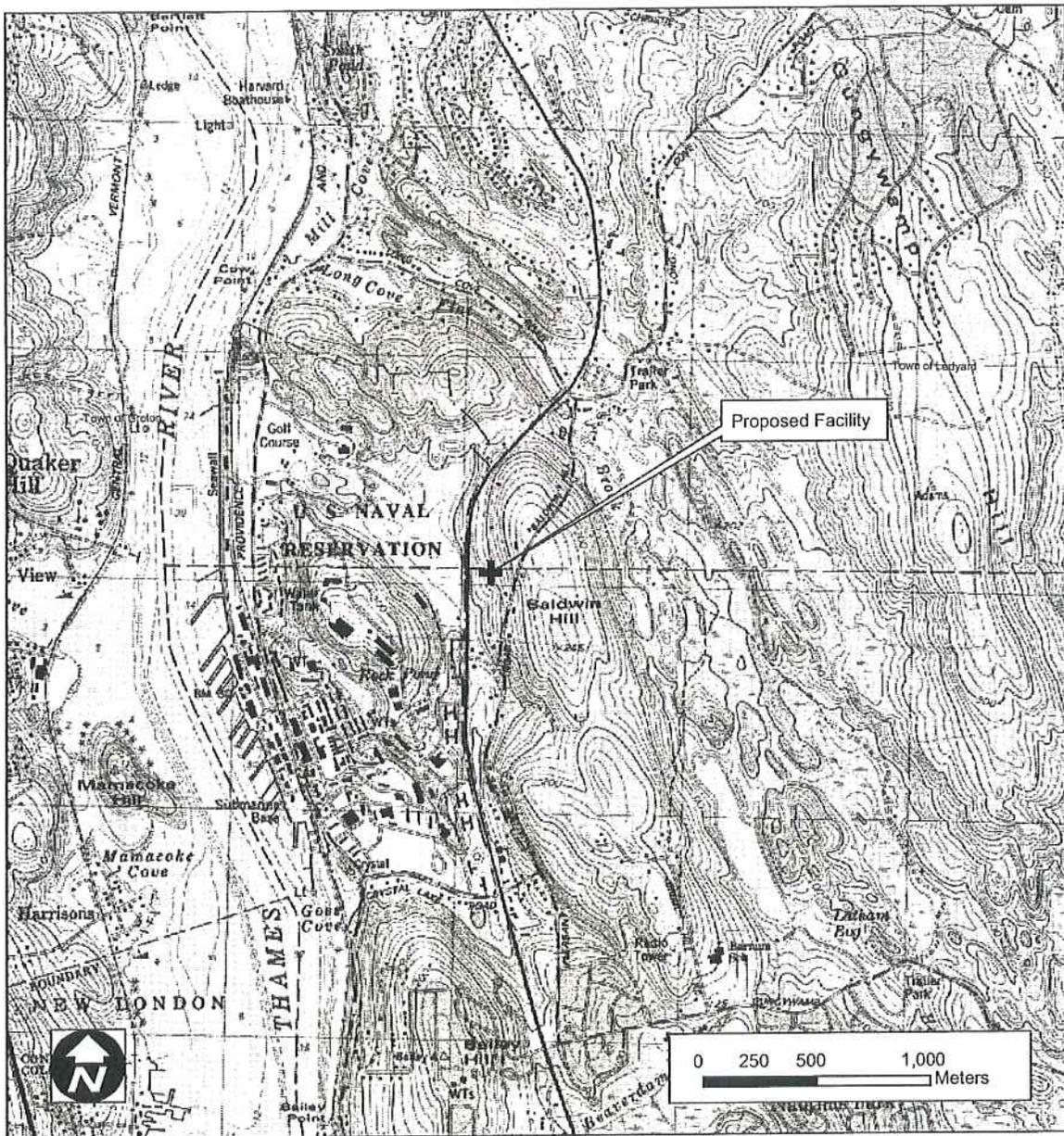


Figure 1. Excerpt from a recent USGS 7.5' series topographic map depicting the approximate location of proposed cellular communications tower CT-999-0108 in Groton, Connecticut.

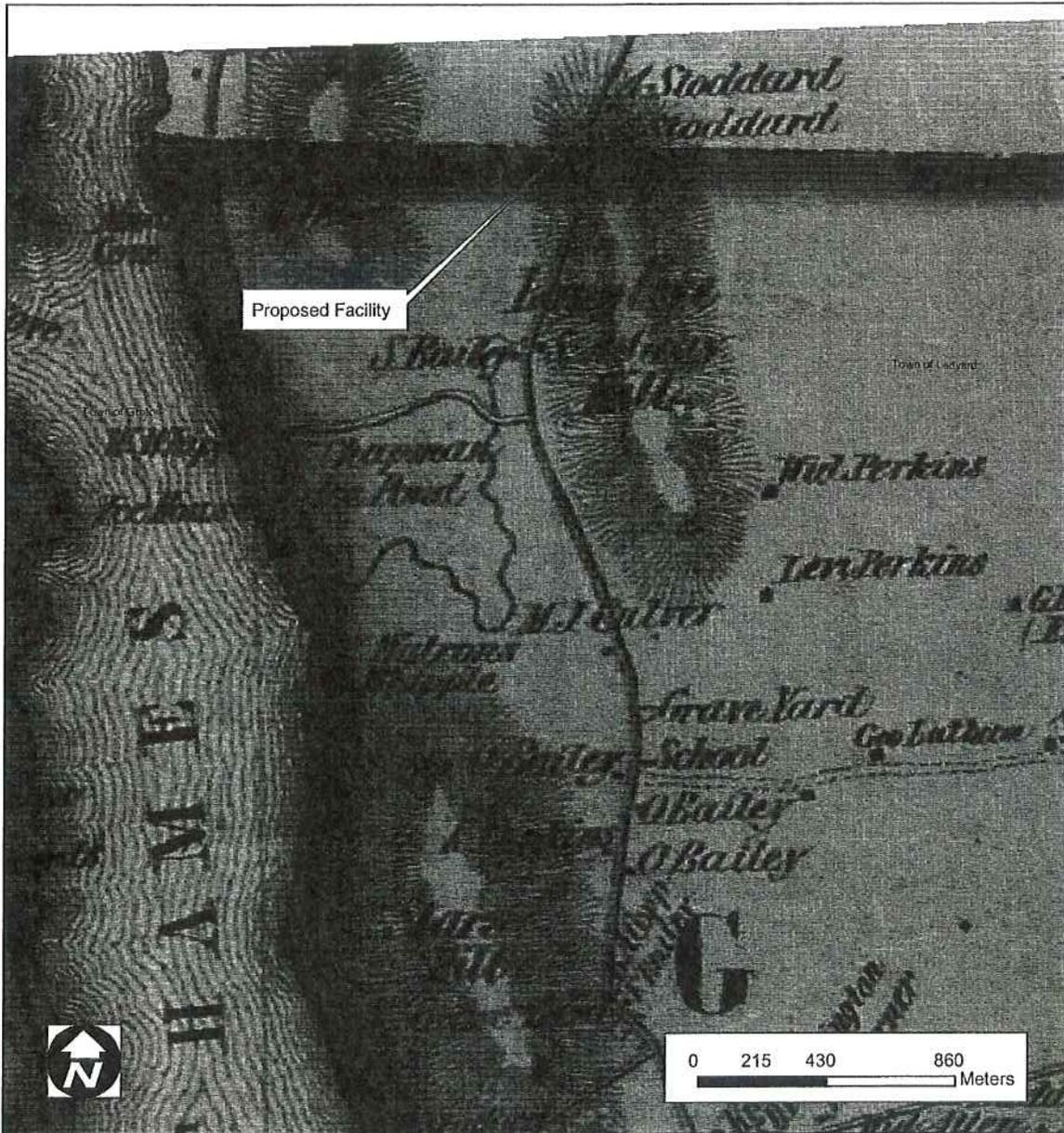


Figure 2. Excerpt from an historic 1854 map depicting the approximate location of proposed cellular communications tower CT-999-0108 in Groton, Connecticut.

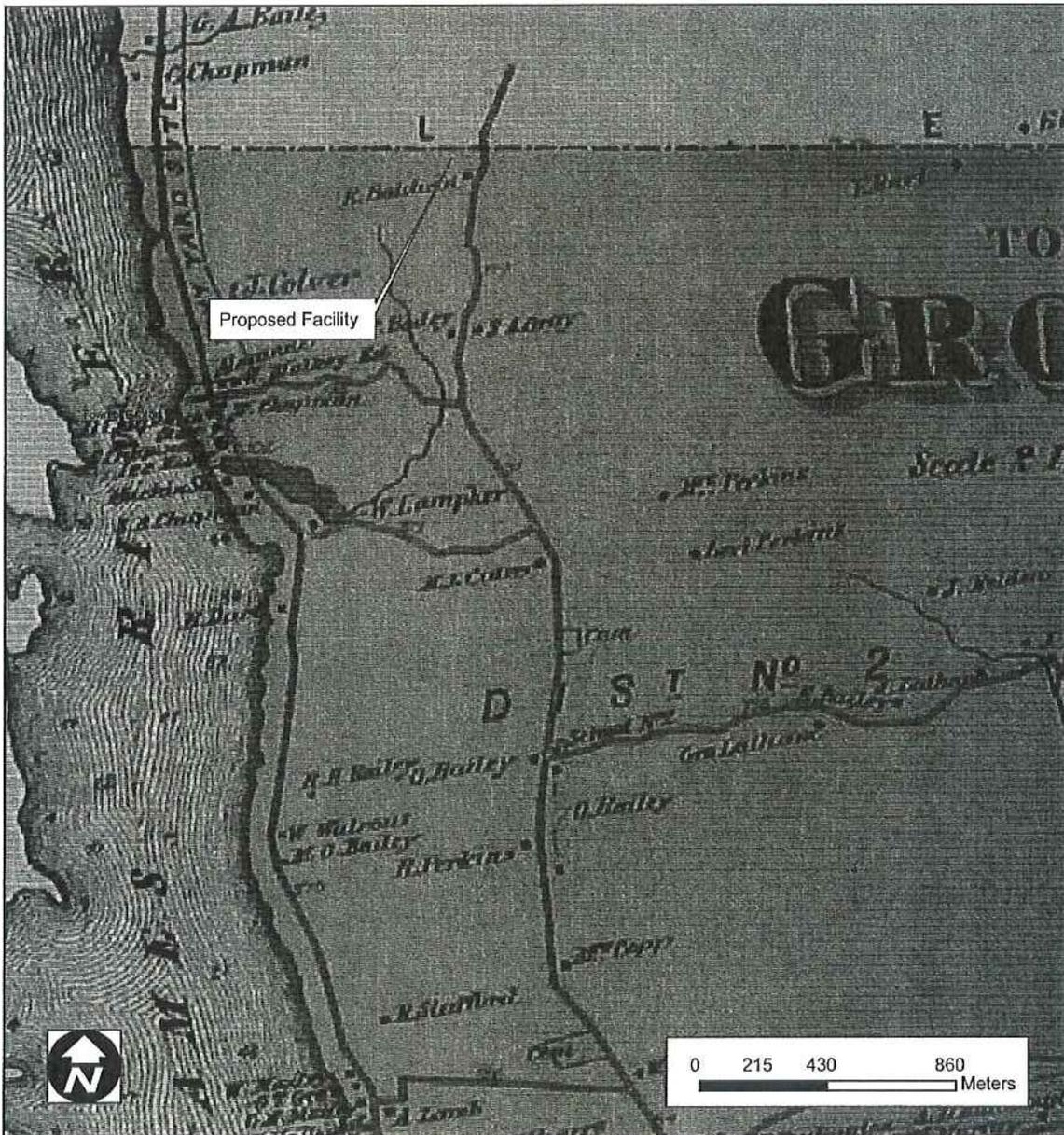


Figure 3. Excerpt from an historic 1868 map depicting the approximate location of proposed cellular communications tower CT-999-0108 in Groton, Connecticut.

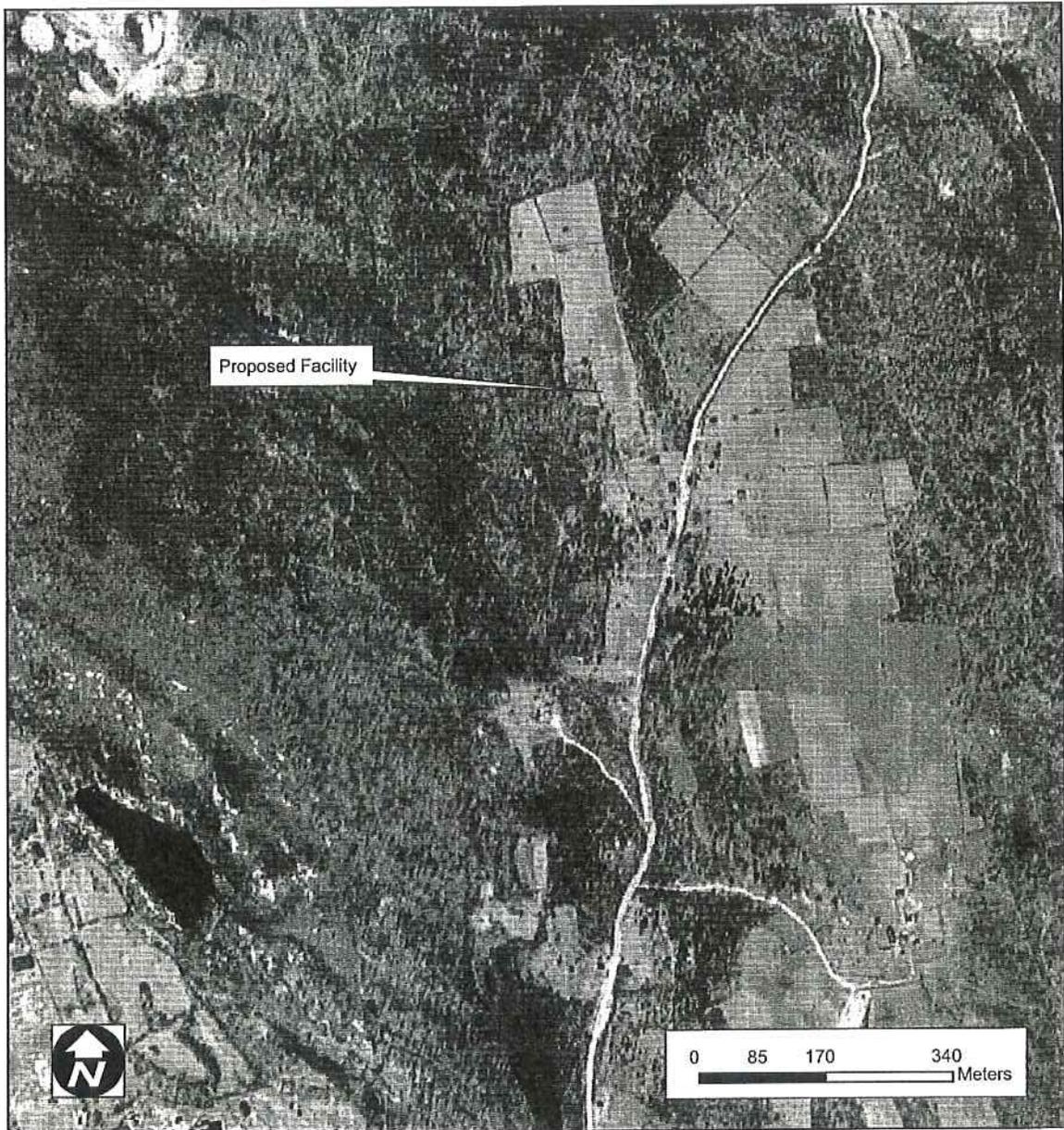


Figure 4. Excerpt from a 1934 aerial photograph depicting the approximate location of proposed telecommunications tower CT-999-0108 in Groton, Connecticut.

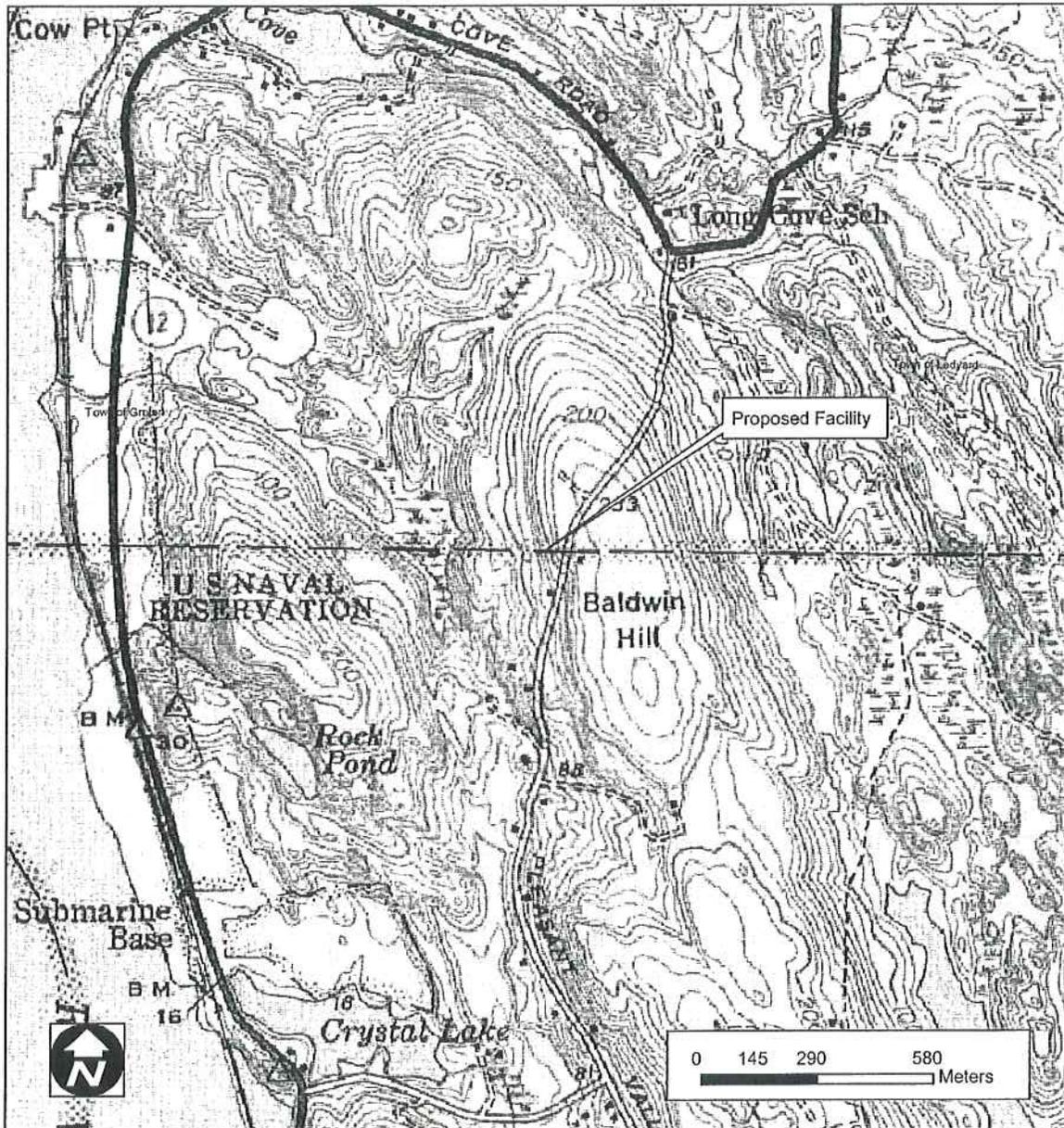


Figure 5. Excerpt from the 1941 USGS 7.5' series topographic quadrangle depicting the approximate location of proposed telecommunications tower CT-999-0108 in Groton, Connecticut.

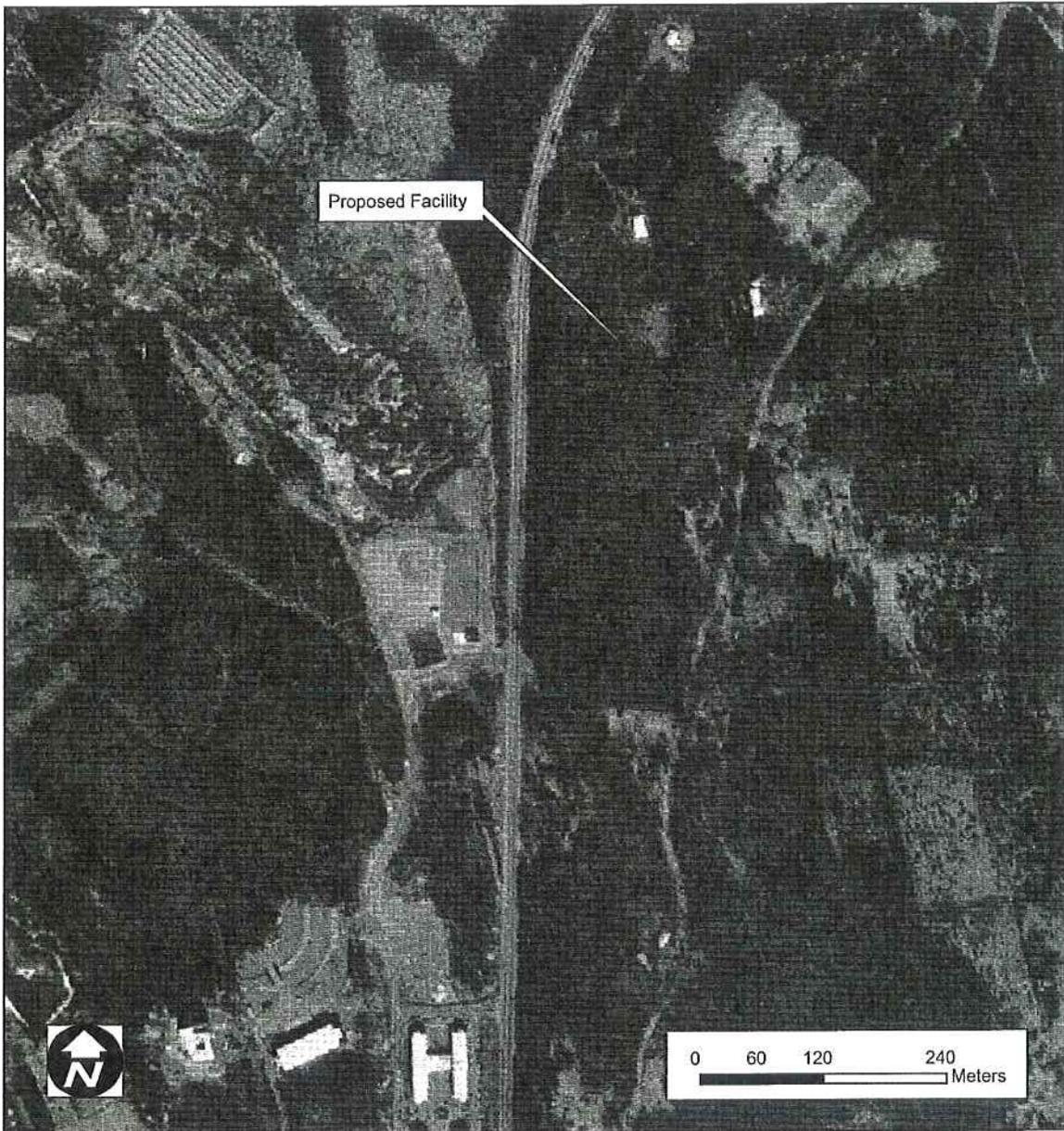


Figure 6. Excerpt from a 1970 aerial photograph depicting the approximate location of proposed telecommunications tower CT-999-0108 in Groton, Connecticut.

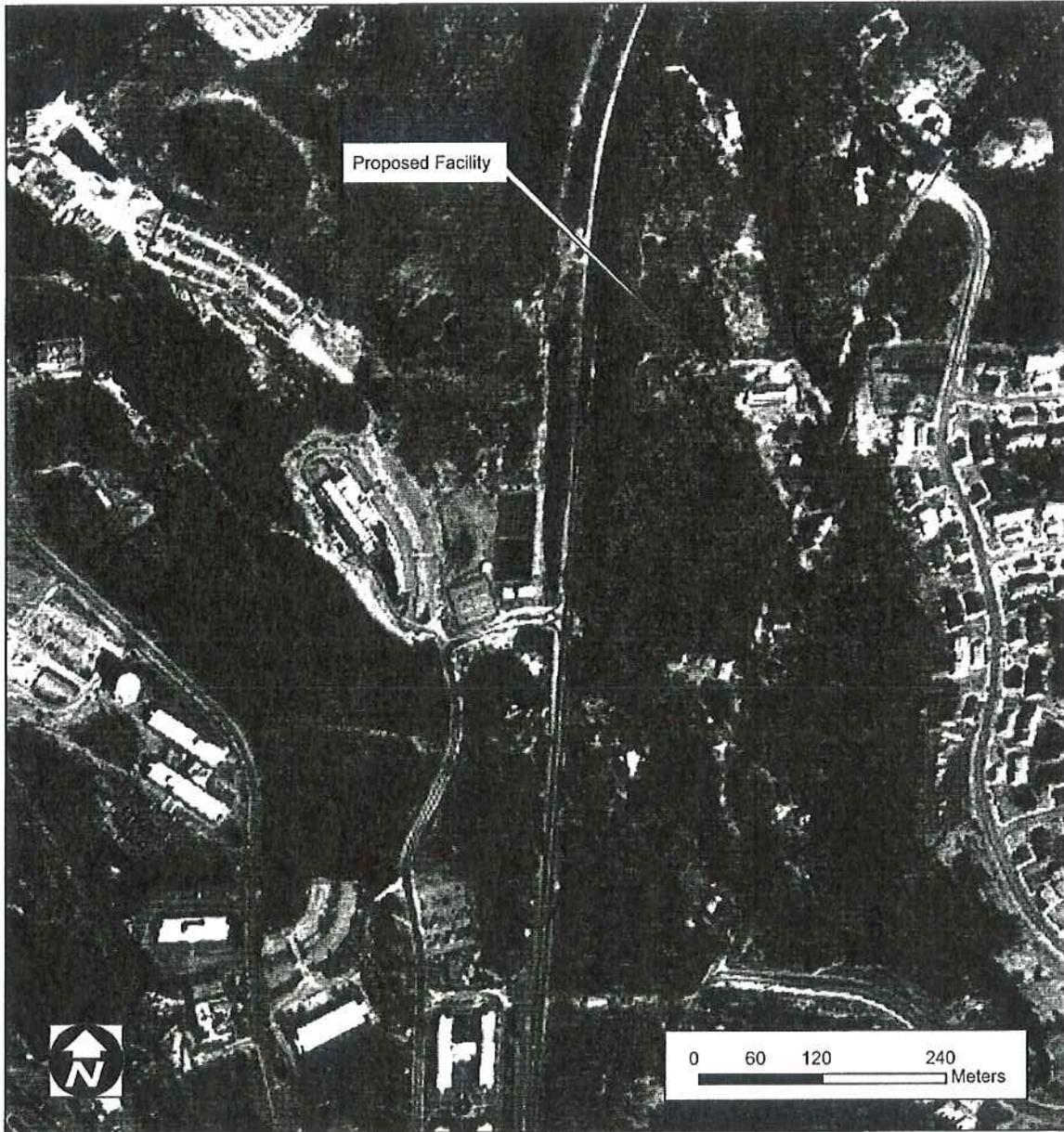


Figure 7. Excerpt from a 1985 aerial photograph depicting the approximate location of proposed telecommunications tower CT-999-0108 in Groton, Connecticut.

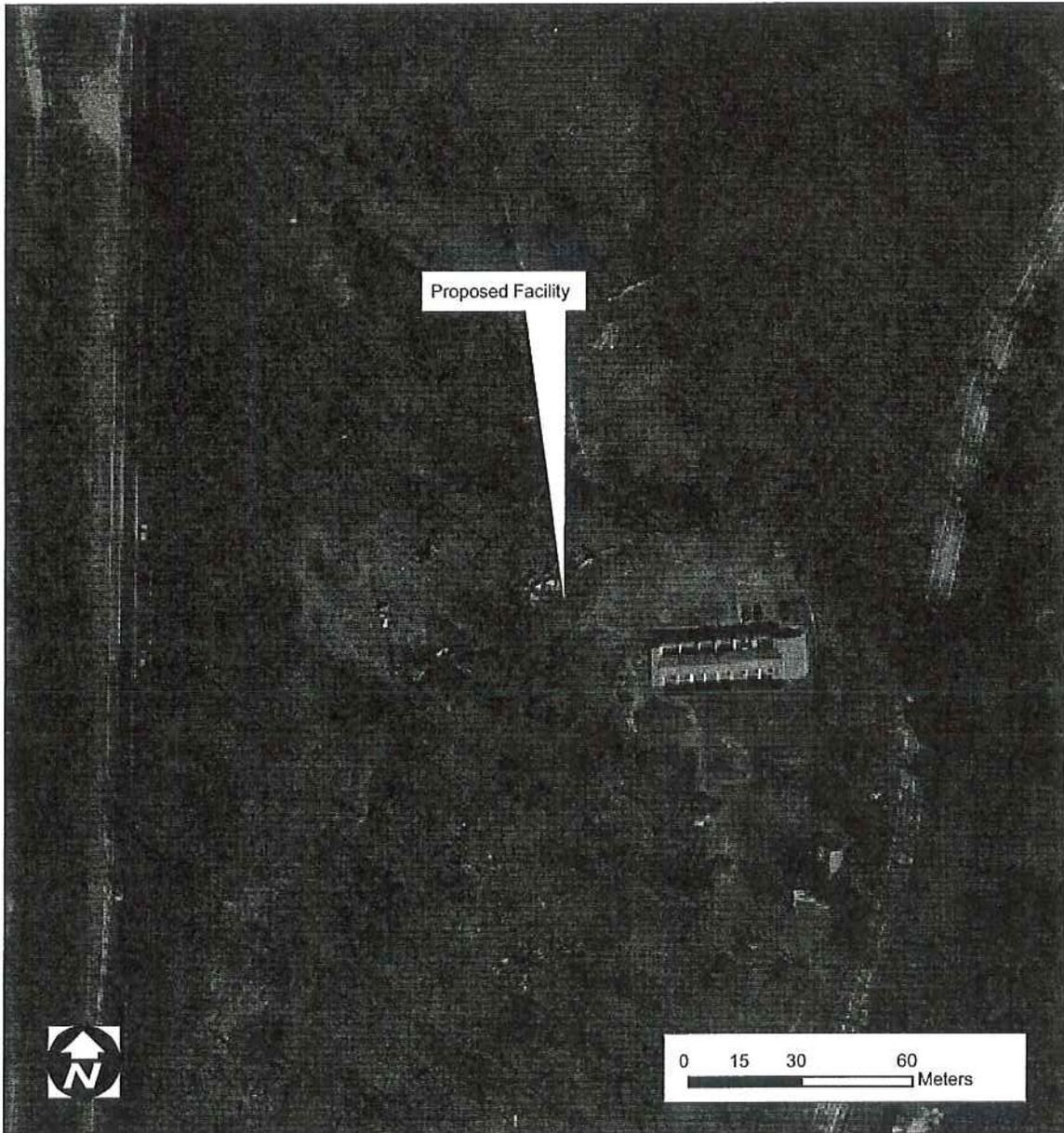


Figure 8. Excerpt from a 2004 aerial photograph depicting the approximate location of proposed telecommunications tower CT-999-0108 in Groton, Connecticut.



12-11-06

Ms. Nicole Dentamaro,
Environmental/GIS Analyst
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT. 06457-1847

Re: PRELIMINARY ARCHEOLOGICAL ASSESSMENT OF
TELECOMMUNICATIONS TOWER 999-0108 – NEW LONDON LOCATED AT
1294 PLEASANT VALLEY ROAD NORTH IN GROTON, CONNECTICUT

Dear Ms. Dentamaro,

I have reviewed the Preliminary Archeological Assessment entitled "PRELIMINARY ARCHEOLOGICAL ASSESSMENT OF TELECOMMUNICATIONS TOWER 999-0108 – NEW LONDON LOCATED AT 1294 PLEASANT VALLEY ROAD NORTH IN GROTON, CONNECTICUT" submitted by Heritage Consultants, LLC.

The research design and testing strategy meets acceptable professional standards, and agree with the recommendations and conclusions. Please keep me informed of any further developments with respect to this project.

Sincerely,

A handwritten signature in cursive script that reads "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

NITHPO

NARRAGANSETT INDIAN TRIBAL HISTORIC PRESERVATION OFFICE

Cell Tower Division

P.O. Box 350 Wyoming, RI 02898

10 February 2007

Nicole Dentamaro
Environmental Engineer
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

RE: NITHPO Section 106 Clearance
TCNS #22066
Groton, CT

CLEARED

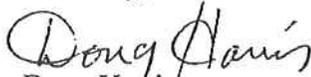
Greetings, Nicole:

Site examination by NITHPO of the proposed cell tower location designated TCNS #22066 located in Groton, CT has revealed no evidence of cultural resources that are of significance to the Narragansett Indian Tribe. On behalf of the Narragansett Indian Tribe, the NITHPO considers this project in compliance with and cleared of the Narragansett Tribe's Section 106 concerns.

If, however, during your construction excavation artifacts, features or human remains or other significant tribal cultural resources are encountered, please halt excavation and contact our Office and the State Historic Preservation Office for evaluation.

Thank you for your support of the FCC's government-to-government consultation with the Narragansett Indian Tribe under Section 106 of the National Historic Preservation Act. If you have not received Section 106 clearance from the SHPO, do inform that Office of this activity.

Sincerely,



Doug Harris,
Senior Deputy Tribal Historic Preservation Officer
(401) 742-4035
dh@nithpo.com