

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF HOMELAND TOWERS, LLC
AND NEW CINGULAR WIRELESS PCS, LLC d/b/a
AT&T FOR A CERTIFICATE OF
ENVIRONMENTAL COMPATIBILITY AND
PUBLIC NEED FOR THE CONSTRUCTION,
MAINTENANCE, AND OPERATION OF A
TELECOMMUNICATIONS FACILITY AT
1837 PONUS RIDGE ROAD,
TOWN OF NEW CANAAN, CONNECTICUT

DOCKET NO. 509

June 21, 2022

**RESPONSES OF HOMELAND TOWERS, LLC
AND NEW CINGULAR WIRELESS PCS, LLC (AT&T)
TO INTERVENOR NEW CANAAN NEIGHBORS
PRE-HEARING INTERROGATORIES**

- Q1. Please specify all “wetlands” and “watercourses” that the applicant is referring to when stating that the approximately 40,000 s.f. of vegetative clearing will have “[n]o direct impacts to any wetlands or watercourses” on page 14 of the Application.
- A1. *The noted reference is associated with a delineated wetland resource, which includes an intermittent watercourse (collectively identified as Wetland 1), located along the northwestern property boundary.*
- Q2. Please describe in detail the type of fill to be used, how it will be tested, the vendor of the fill, and what percentage of the fill will be tested by the Applicant.
- A2. *Should the project be approved, the specifications for proposed allowable fill will be outlined on the Development and Management (D&M) Plan Drawing submission. The excess onsite material generated during construction will more than likely be utilized in the areas where fill will be required.*
- Q3. Please list all construction equipment and tools that will or could be needed in the construction of the project, including but not limited to, all equipment to be used for clearing of tress for the access road, construction the tower, constructing drainage systems, undergrounding, electrical needs, and vehicles.
- A3. *This information is part of the means and methods of construction which would be determined by a general contractor selected by Homeland Towers. The contractor will use the appropriate equipment to construct the proposed improvements in accordance with the final construction documents.*
- Q4. Please specify the place(s) whereby the applicant could feasibly and effectively place a rain garden(s) to capture runoff, as well as the size and slope of the rain garden(s).
- A4. *The construction of one or multiple rain gardens could be feasible and effective at the outflow of the proposed drainage culverts, and/or the bottom of the proposed drainage*

swale. The location(s), size, and slope of the rain garden(s) would be determined once a geotechnical investigation is completed to determine feasibility and effectiveness.

- Q5. Please provide all materials and evidence reviewed, reports generated, and criteria applied for the assertion that State of Connecticut property on Reservoir Lane in New Canaan and/or Stamford, Connecticut, was “unavailable or inappropriate for the siting of a tower facility or technically inadequate to satisfy AT&T’s coverage requirements for this area.”
- A5. *A certified letter, which included a proposal, was sent to the State of Connecticut for land owned by the State on Reservoir Lane in Stamford. The State of Connecticut did not respond. Included in Attachment 1 is a copy of the returned receipt of delivery/green card.*
- Q6. What other protection measures are encompassed in the “etc.” in the general comments provided in the Wetland Delineation Field Form provided in Attachment 6 of the Application.
- A6. *Other protection measures that could be considered include, but are not necessarily limited to, temporary and permanent soil stabilization methods such as hydroseeding that incorporates a bonded fiber matrix/tackifier, mulching, rolled erosion control products (e.g., erosion control jute blankets), and seed mix designed for rapid vegetation establishment.*
- Q7. Please provide what the steepest grade of slope is on the 1837 Ponus Ridge Road parcel.
- A7. *The steepest grade of slope on the 1837 Ponus Ridge Road parcel is a 2:1 slope west of the proposed improvements. It will neither be encumbered nor impacted by the Proposed Facility development.*
- Q8. Please specify in detail what road treatments will be used on the access road during winter and snowy weather conditions.
- A8. *Homeland does not regularly plow access drives to their sites since these sites are visited so infrequently. Should a tenant on the tower need access to the tower they will coordinate plowing.*
- Q9. Please state any and all snow and ice removal equipment that will be used on the access road.
- A9. *See A8.*
- Q10. Please describe the steps the applicant will take to comply with Conn. Gen. Stat. section 22a-32, “Regulated activity permit. Application. Hearing. Waiver of hearing,” which provides in pertinent part, “No regulated activity shall be conducted upon any wetland without a permit.”
- A10. *In the context of C.G.S. §22a-32, the Proposed Facility would not result in a regulated activity since no direct (permanent or temporary) effect to wetlands would occur.*
- Q11. Please state the depth to bedrock assessed for all areas subject to clearing and construction.

- A11. *Depth to bedrock is not known at this time. A geotechnical investigation is being scheduled.*
- Q12. Were any crane tests of CW tests performed? If so, please provide all information, assessments, reports, conclusions, and opinions resulting from these tests. If crane tests or CW tests were not performed, please specify why they were not performed.
- A12. *AT&T did not perform any “crane test or CW tests”. AT&T did conduct a drive test to confirm the gap in existing coverage.*
- Q13. Please provide all materials reviewed, evidence used, and criteria applied for the assertion, “Applicants submit that there are no equally effective, feasible technological alternatives to a new tower for providing reliable personal wireless services in the northwestern New Canaan area.” (Application, page 12).
- A13. *See Applicants’ Responses to Siting Council Interrogatories dated June 2, 2022, Response No. 18.*
- Q14. Please provide a thorough itemized breakdown of the costs alleged for small cells and cell transmitters/antenna/repeaters placed on utility poles as discussed in the Applicant’s response to Question 18 of the CSC interrogatories, as well as a breakdown of anticipated worker hours necessary for installing small cells and cell transmitters/antenna/repeater on existing utility poles, and all maintenance costs.
- A14. *See Applicants’ Responses to Siting Council Interrogatories dated June 2, 2022, Response No. 18.*
- Q15. Please provide all visual impact photos.
- A15. *Included in Attachment 2 are additional photographs that were not included in the Visual Assessment.*
- Q16. Town officials have stated that several additional towers are anticipated to be sited in New Canaan, including 2 or 3 more towers in the western part of New Canaan. Please state all other sites being considered by Homeland Towers in New Canaan, as well as provide all information concerning sites that Homeland Towers believes are being considered by the Town of New Canaan.
- A15. *As a matter of confidentiality, Homeland does not typically share sites that are being considered for future development. Homeland is actively working with the Town of New Canaan to site a wireless facility on town-owned property at 769 Ponus Ridge Road. In the past, Homeland has considered sites on town-owned property located at 848 Weed Street, Oenoke Ridge and 394 Main Street.*
- Q17. Please state whether the following locations (and the poles/sidewalks near the locations) were considered as potential sites for siting a cell tower, small cell, or cell transmitters/antenna/repeater. All locations listed below are in Connecticut:
- a. State of Connecticut land on Reservoir Lane in New Canaan and Stamford.
 - b. 45 Trinity Pass Road in Stamford.

- c. All properties owned by the Town of New Canaan on Main Street in New Canaan.
- d. 40 Spring Hill Lane in Stamford.
- e. 50 Spring Hill Lane in Stamford.
- f. 30 Oenoke Lane in New Canaan.
- g. All properties owned by the Town of New Canaan on Oenoke Ridge Road in New Canaan.
- h. Cedar Lodge Farm at 175 Ingleside Drive in Stamford.
- i. The utility pole at or near 388 West Road in New Canaan.
- j. All properties owned by Emily Nissley on Oenoke Lane in New Canaan (MBL 204 900 & MBL 204 901).
- k. 1062 Ponus Ridge Road in New Canaan.
- l. All properties owned by the Town of New Canaan on Ponus Ridge Road in New Canaan.
- m. The fire station on High Ridge Road in Stamford for Long Ridge Fire Co. 2 (located at or near 2619 High Ridge Road in Stamford).
- n. All properties owned by the Town of New Canaan on Weed Street in New Canaan, including Irwin Park.
- o. 982 Oenoke Ridge Road in New Canaan.
- p. Any of the utility poles at or near 11 Barnegat Road in New Canaan.
- q. 40 River Wind Road in New Canaan.
- r. All properties owned by the State of Connecticut on Ponus Ridge Road in New Canaan.
- s. 32 Wascussue Court in New Canaan.
- t. All properties owned by the State of Connecticut on Trinity Pass Road in New Canaan and Stamford.
- u. 40 Dan's Highway in New Canaan.
- v. Any of the utility poles located at or near the intersection of West Hills Road and West Road in New Canaan.
- w. Any of the utility poles located in front of or near Acme Markets located at 288 Elm Street in New Canaan.
- x. 751 Weed Street in New Canaan.

A15. *See Alternate Site Analysis prepared by Homeland Towers included in Attachment 2 of the Application for parcels in NW New Canaan and NE Stamford that were considered*

for siting a cell tower. For example, on NCN's list of locations- Homeland considered location "a" (State of CT Land on Reservoir Lane, Stamford) but we did not consider location "s" (32 Wascussue Court, New Canaan). For small cells and utility poles, see Applicants' Responses to Siting Council Interrogatories dated June 2, 2022 , Response No. 18.

Q18. If assessed or reviewed as a potential site, please provide any information, reports, coverage maps, or analyses for all of the locations discussed in Interrogatory 17 above.

A18. *See A17.*

Q19. Please provide all analyses, tests, studies, reports, and assessments of 1837 Ponus Ridge Road that have been conducted following the submission of the Application (on or around April 12, 2022), and any anticipated analyses, tests, studies, reports, and assessments of 1837 Ponus Ridge Road in the future.

A19. *Homeland Towers (on behalf of its anchor tenant) initiated federally-required compliance with the National Environmental Policy Act (NEPA) as it pertains to telecommunications facilities prior to the submission of the Application. This process requires consultations with several agencies and interested parties, and can extend over a 4 to 6-month duration. The findings and conclusion of the recently completed NEPA Report are included in Attachment 3 and the full NEPA Report with attachment is included in the Applicants' bulk filing submitted with these responses.*

Q20. Please state the names of all renters residing at 1837 Ponus Ridge Road.

A20. *This information is not included in the legal criteria for the Siting Council to consider in a certificate proceeding as set forth in Connecticut General Statutes ("C.G.S") Section 16-50p. C.G.S. Section 16-50p requires the Siting Council to balance the public need for facilities with their probable environmental impacts and does not allow for Siting Council consideration of tenant information.*

CERTIFICATE OF SERVICE

I hereby certify that on this day the foregoing was sent electronically and one (1) original and fifteen (15) hard copies were sent overnight mail to the Connecticut Siting Council and sent electronically to the parties on the service list as noted below.

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Dated: June 21, 2022



Lucia Chiocchio, Esq.
Kristen Motel, Esq.
Cuddy & Feder LLP
445 Hamilton Ave, 14th Floor
White Plains, NY 10601
(914)-761-1300

cc: Homeland
AT&T
APT
Smartlink
C Squared

ATTACHMENT 1

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

State of CT
79 Elm St.
Hartford CT 06106
CT050 Prop 3_11_21



9590 9402 5996 0069 2940 76

2. Article Number (Transfer from service label)

120 1810 0000 4814 8039

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *M. Ferraro*☒ Agent
☐ Addressee

B. Received by (Printed Name)

M. Ferraro

C. Date of Delivery

3/19/21

- D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- | | |
|--|---|
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted Delivery |
| <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Return Receipt for Merchandise |
| <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation™ |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Insured Mail | |
| <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) | |

Domestic Return Receipt

ATTACHMENT 2





































































































































































ATTACHMENT 3

NEPA COMPLIANCE REVIEW

**1837 Ponus Ridge Road
New Canaan, CT 06840**

June 15, 2022



Prepared for:

**Homeland Towers, LLC
9 Harmony Street, 2nd Floor
Danbury, CT 06810**

Prepared by:

**All-Points Technology Corporation, P.C.
567 Vauxhall Street Extension – Suite 311
Waterford, CT 06385**

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<i>NEPA Review Summary</i>		
Site Name	New Canaan Northwest	
Site Type	New wireless communications facility	
Site Address	1837 Ponus Ridge Road, New Canaan, CT 06840	
Latitude / Longitude (NAD83)	N 41° 10' 18.89" / W 73° 32' 36.90"	
E106 Filing Number	0010008396	
TCNS Number	242831	
<i>FCC NEPA Category</i>	<i>Source</i>	<i>Findings</i>
Designated Wilderness Areas	National Park Service, US Forest Service, Bureau of Land Management	No Effect
Designated Wildlife Preserve	National Park Service, US Forest Service, Bureau of Land Management	No Effect
Threatened or Endangered Species or Designated Critical Habitats	US Fish & Wildlife Service (USFSW) and Connecticut Department of Energy & Environmental Protection (DEEP) Natural Diversity Database (NDDDB)	No Effect
Archeological and Historic Resources	State Historic Preservation Office (SHPO) file review and consultation, archaeological assessment, public notices and local government involvement	No Effect
Indian Religious Site	Indian Reservations in the Continental United States, Bureau of Indian Affairs Map, and consultation with federally recognized tribes via FCC's Tower Construction Notification System (TCNS)	No Effect
100-year Floodplain	Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM)	No Effect
Wetlands & Surface Waterways Features	Wetland Investigation, Natural Resources Conservation Service (NRCS) Soil Survey and USFWS National Wetland Inventory mapping	No Effect
High Intensity White Lights in Residential Neighborhood	TOWAIR Determination Results	No Effect
Environmental Assessment (EA)	Findings for the above FCC NEPA Categories and sources	Not Required

1.0 INTRODUCTION

1.1 PURPOSE

As a licensing agency, the Federal Communications Commission ("FCC") complies with the National Environmental Policy Act ("NEPA") by requiring its licensees to review their proposed actions for environmental consequences. The FCC rules for implementing NEPA are found in Title 47 of the Code of Federal Regulations (CFR), Part 1, Subpart I, rule sections 1.1301 to 1.1319. If a licensee's proposed action falls within one of the categories of rule sections 1.1301 to 1.1319, the licensee is required to consider the potential environmental effects from its construction of antenna facilities or structures, and disclose those effects in an environmental assessment ("EA") that is filed with the Commission for review.

Additionally, Section 106 of the National Historic Preservation Act of 1966 requires licensees to assess the effect of their proposed action on historic properties as outlined in regulations issued by the Advisory Council on Historic Properties at 36 CFR Part 800, as well as the Nationwide Programmatic Agreement ("NPA") for the Collocation of Wireless Antennas (47 CFR Part 1, See Attachments) and the NPA Regarding the Section 106 National Historic Preservation Act Review Process (47 CFR Part 1, See Attachments).

1.2 SCOPE OF WORK

At the request of Homeland Towers, LLC, All-Points Technology Corporation, P.C. ("APT") has completed its review of environmental resource information outlined in 47 CFR Part 1, Subpart I, rule sections 1.1301 to 1.1319. The review includes the evaluation of the wireless telecommunication facility project impacts to the FCC NEPA categories outlined in this report using the sources referenced herein. Impacts from radiofrequency radiation are evaluated by the tower owner and/or applicant and are not part of this scope of work.

If the project undertaking results in an adverse effect finding under any of the FCC NEPA categories reviewed, those effects must be disclosed in the form of an EA and filed with the FCC for further review of potential environmental impacts.

This NEPA report documents the reviews completed. The term "Site" will be used herein to reference the location of the proposed undertaking.

2.0 SITE LOCATION AND PROJECT DESCRIPTION

2.1 SITE LOCATION

The Site is a 5.16-acre residential parcel located at 1837 Ponus Ridge Road in New Canaan, Connecticut. The surrounding area consists of residential development and woodlands, with the Laurel Reservoir to the west.

A USGS Site Location Map is presented in the Attachments.

2.2 PROJECT DESCRIPTION – PROPOSED UNDERTAKING

The proposed facility will include a ±110-foot tall monopole tower designed as a faux conifer with branches extending to ±115 feet above ground level, within a new ±50-foot by ±75-foot gravel based fenced equipment compound. An access drive and underground electrical and telephone service will extend from Ponus Ridge Road along an existing paved drive and new gravel drive. The facility will allow for additional municipal and commercial service providers.

Site Plans are included in the Attachments.

3.0 FCC NEPA REVIEW CATEGORIES

APT reviewed the following FCC NEPA categories to determine whether the proposed undertaking has the potential to cause an adverse effect on these resources.

3.1 DESIGNATED WILDERNESS AREAS

Will the facility be located in an officially designated wilderness area? **No**

The proposed facility is not located in an officially designated wilderness area.

Source: Review of Wilderness Areas of the United States mapping, <https://wilderness.net/visit-wilderness/maps.php>. (See Attachments.)

3.2 DESIGNATED WILDLIFE PRESERVES

Will the facility be located in an officially designated wildlife preserve? **No**

The proposed facility is not located in an officially designated wildlife preserve.

Source: Review of U.S. Fish & Wildlife Service National Wildlife Refuge System Map, <https://www.fws.gov/refuges/maps/index.html>. (See Attachments.)

3.3 THREATENED OR ENDANGERED SPECIES OR DESIGNATED CRITICAL HABITATS

Will the facility affect listed or proposed threatened or endangered species or designated critical habitats? **No**

APT consulted with the United States Fish and Wildlife Service ("USFWS") and reviewed the Connecticut Department of Energy & Environmental Protection ("DEEP") Wildlife Division Natural Diversity Data Base ("NDDB") to determine if rare, threatened or endangered species or designated critical habitat may be present in the project area.

Two federally-listed¹ threatened species are known to occur in the vicinity of the Subject Property: northern long-eared bat ("NLEB"; *Myotis septentrionalis*), and bog turtle (*Clemmys muhlenbergii*). As a result of this preliminary finding, APT performed an evaluation to determine if the proposed referenced Facility would result in a likely adverse effect to NLEB and bog turtle.

The proposed Facility and access drive would require ±0.92 acre of tree clearing (trees provide potential NLEB habitat). According to the DEEP NDDB NLEB habitat map, the proposed Facility is not within 150 feet of a known occupied NLEB maternity roost tree and is not within 0.25 mile of a known NLEB hibernaculum. The nearest NLEB habitat resource to the proposed Facility is located ±6.1 miles to the southwest in Greenwich, Connecticut.

¹ Listing under the federal Endangered Species Act

One wetland area was delineated in proximity to the proposed Facility, consisting of a hillside seep, closed-canopy, forested wetland system associated with an interior diffuse intermittent watercourse that flows to the south/southwest into nearby Laurel Reservoir. This wetland area is formed in acidic glacial till deposits classified as Charlton-Chatfield complex and Canton and Charlton soils and underlain by schist bedrock known as the Trap Falls Formation.

It was determined that preferred habitat of bog turtles is not supported by the Subject Property wetland. Consultation with the DEEP NDDDB did not reveal the potential presence of bog turtle in the vicinity of the Subject Property. Therefore, no effect to bog turtle, a wetland dependent species, would result from the proposed Facility.

Based on the information provided, the proposed Facility is not anticipated to adversely impact any federal or state threatened, endangered or species of special concern.

Source: Review of publicly available data, consultation with the USFWS and the DEEP NDDDB. (See Attachments.)

3.4 *ARCHAEOLOGICAL AND HISTORIC RESOURCES*

Will the facility affect districts, sites, buildings, structures or objects significant in American history, architecture, archaeology, engineering or culture that are listed, or are eligible for listing, in the National Register of Historic Places? **No Effect**

In a letter dated May 19, 2022, the SHPO determined that no historic properties will be affected by the proposed undertaking.

Source: Review of SHPO files, archaeological investigation, public involvement, and Local Government and SHPO consultation. (See Attachments.)

3.5 *INDIAN RELIGIOUS SITES*

Will the facility affect Indian religious sites? **No**

The Site is not located on an American Indian federal reservation trust land. It was determined through tribal consultation via FCC's Tower Construction Notification System (TCNS) that the proposed undertaking is unlikely to affect Indian religious sites.

In the unlikely event that tribal artifacts or human remains are encountered during construction activities, the appropriate SHPO, tribes, and other consulting parties are to be contacted.

Source: Indian Reservations in the Continental United States, Bureau of Indian Affairs Map, archeological assessment, and consultation with federally recognized tribes using the FCC TCNS. (See Attachments.)

3.6 *FLOODPLAINS*

Will the facility be located in a 100-year floodplain? **No**

The facility is located outside of a 100-year flood hazard, as identified on the Flood Insurance Rate Map (FIRM) for the Site.

Source: Site observations and Federal Emergency Management Agency (FEMA) FIRM, Panel 09001C0366F, effective June 18, 2010. (See Attachments.)

3.7 *WETLANDS & SURFACE WATERWAYS FEATURES*

Will construction of the facility involve a significant change in surface features (e.g. wetland fill, water diversion, or deforestation)? **No**

The proposed Facility will not result in any significant change in surface features.

Source: U.S. Geological Survey (USGS) 7.5-Minute Series Topographic Quadrangle, Natural Resources Conservation Service (NRCS) Soil Survey, CTDEEP's data library (<http://www.ct.gov/deep>) of state wetland mapping, Wetland Inspection Report by APT, dated June 3, 2021.

3.8 *HIGH INTENSITY WHITE LIGHTS IN RESIDENTIAL NEIGHBORHOOD*

Will the facility be equipped with high intensity white lights which are to be located in residential neighborhoods? **No**

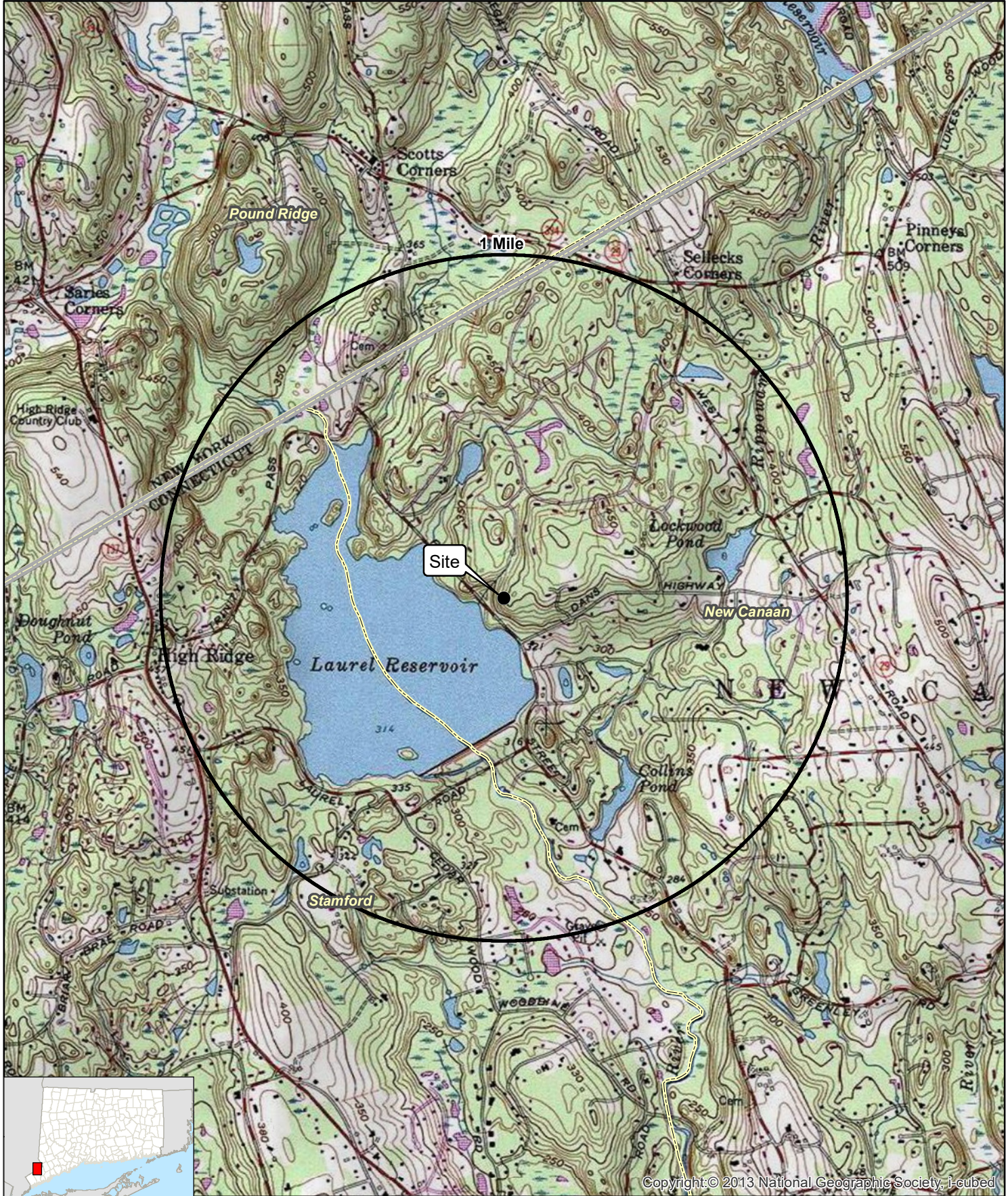
No lighting is required for the tower.

Source: TOWAIR Determination 6/15/2022. (See Attachments.)

4.0 *CONCLUSIONS*

APT completed this review in conformance with the FCC rules and regulations for implementing NEPA, 47 CFR 1.1301 to 1.1319. Based on the information obtained in connection with this review, the proposed undertaking does not require preparation and filing of an EA.

Attachments

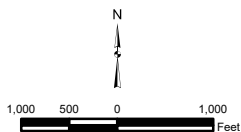


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Legend

- Site
- ▭ State Boundary
- ▭ Municipal Boundary

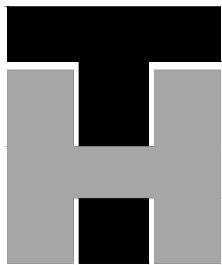
Map Notes:
Base Map Source: USGS 7.5 Minute Topographic
Quadrangle Maps, Pound Ridge, NY-CT (1971)
Map Scale: 1:24,000
Map Date: January 2022



Site Location Map

Proposed Wireless
Telecommunications Facility
New Canaan Northwest
1837 Ponus Ridge
New Canaan, Connecticut

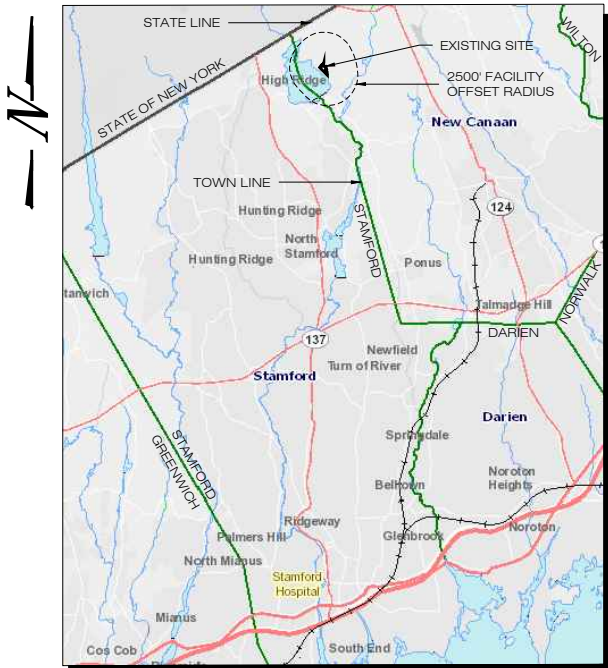




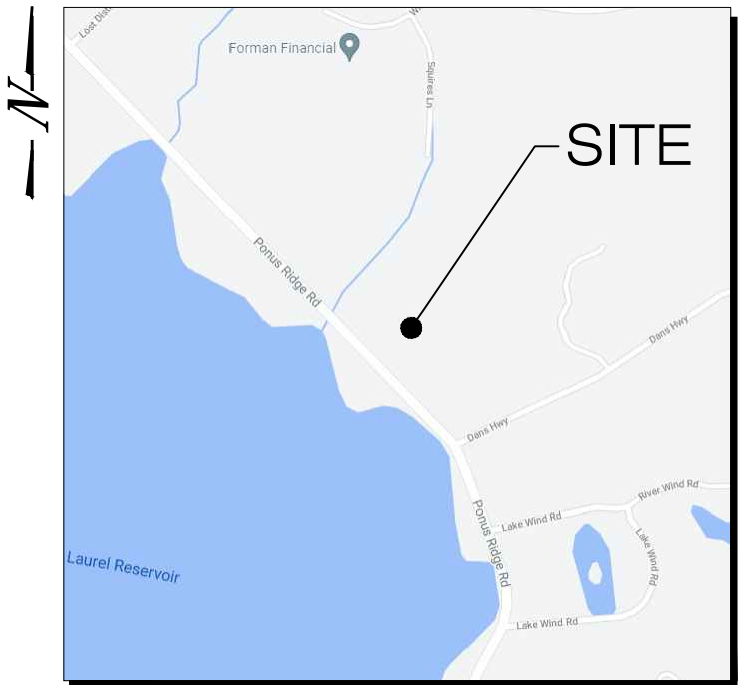
HOMELAND TOWERS, LLC

WIRELESS TELECOMMUNICATIONS FACILITY

NEW CANAAN NORTHWEST
1837 PONUS RIDGE ROAD
NEW CANAAN, CT 06840



MUNICIPAL NOTIFICATION LIMIT MAP
SCALE : 1" = 1.5 Miles



VICINITY MAP
SCALE: 1" = 500'

DRAWING INDEX

- T-1 TITLE SHEET
- EX-1 SITE SURVEY
- EX-2 TREE SURVEY TABLE
- SP-1 SITE PLAN & ABUTTERS MAP
- SP-2 PARTIAL SITE PLAN
- CP-1 COMPOUND PLAN & TOWER ELEVATION
- C-1 SITE DETAILS
- C-2 SITE DETAILS
- C-3 EROSION CONTROL DETAILS
- C-4 AT&T EQUIPMENT PLAN & DETAILS

SITE INFORMATION

PROJECT LOCATION: 1837 PONUS RIDGE ROAD
NEW CANAAN, CT 06840

PROJECT DESCRIPTION: RAWLAND SITE W/ GROUND
EQUIPMENT WITHIN 3,000± SF
TELECOMMUNICATIONS
EQUIPMENT COMPOUND W/
PROP. 110'± AGL MONOPINE.

PROPERTY DEVELOPER: HOMELAND TOWERS, LLC
9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810

DEVELOPER CONTACT: RAY VERGATI
(203) 297-6345

ENGINEER CONTACT: ROBERT C. BURNS, P.E.
(860) 552-2036

LATITUDE: 41° 10' 18.89"N (41.171914)
LONGITUDE: 73° 32' 36.90"W (-73.543583)
ELEVATION: 394± AMSL

MAP: 23
BLOCK: 27
LOT: 57
ZONE: 4 ACRE RESIDENCE ZONE



HOMELAND TOWERS, LLC
9 HARMONY STREET
2nd FLOOR
DANBURY, CT 06810
(203) 297-6345



340 MOUNT KEMBLE AVENUE
MORRISTOWN, NEW JERSEY 07960



ALL-POINTS
TECHNOLOGY CORPORATION

567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PH: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

PERMITTING DOCUMENTS

NO	DATE	REVISION
0	12/07/21	FOR REVIEW: RCB
1	12/13/21	FOR REVIEW: RCB
2		
3		
4		
5		
6		
7		
8		

DESIGN PROFESSIONALS OF RECORD

PROF: ROBERT C. BURNS P.E.
COMP: ALL-POINTS TECHNOLOGY
CORPORATION, P.C.
ADD: 567 VAUXHAUL STREET
EXTENSION - SUITE311
WATERFORD, CT 06385

DEVELOPER: HOMELAND TOWERS, LLC
ADDRESS: 9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810

HOMELAND TOWERS NEW CANAAN NORTHWEST

SITE 1837 PONUS RIDGE ROAD
ADDRESS: NEW CANAAN, CT 06840

APT FILING NUMBER: CT283860

DATE: 12/07/21 DRAWN BY: CSH

CHECKED BY: RCB

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1

OWNER:

1837 LLC
C/O RUCCI LAW GROUP
19 OLD KINGS HIGHWAY SOUTH
DARIEN, CT 06820

APPLICANTS:

HOMELAND TOWERS, LLC
9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810
RAY VERGATI
(203) 297-6345

AT&T
340 MOUNT KEMBLE AVE.
MORRISTOWN, NJ 07960

HOMELAND PROJECT ATTORNEY:

CUDDY & FEDER, LLP
445 HAMILTON AVENUE
14 FLOOR
WHITE PLAINS, NY 10601
(914) 761-1300

POWER PROVIDER:

EVERSOURCE: (800) 286-2000

TELCO PROVIDER:

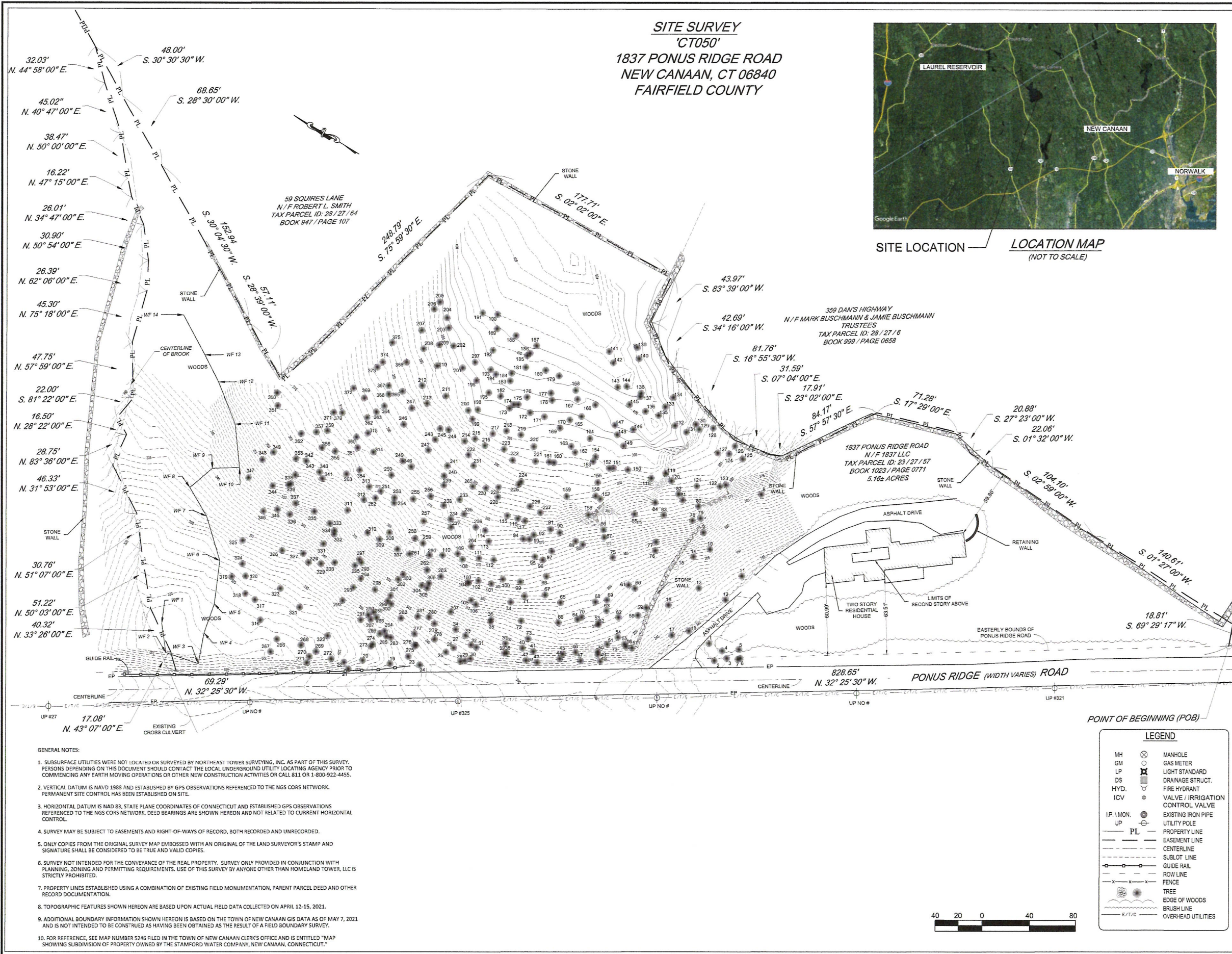
FRONTIER (800) 921-8102

CALL BEFORE YOU DIG:

(800) 922-4455

GOVERNING CODES:

CONNECTICUT STATE BUILDING CODE, LATEST EDITION
NATIONAL ELECTRIC CODE, LATEST EDITION
TIA-222-H



PLANS PREPARED FOR:

HOMELAND TOWERS
9 Harmony Street
Danbury, Connecticut 06810

SURVEY LICENSE

EARLE C. NEWMAN P.L.S. - NO. LSX15616

CONSULTANT:

Northeast Tower Surveying, Inc.
140 West Maple Lane Road Williamsville, New York 14221
(716) 548-2894
Northeast Tower Surveying, Inc. Project #21-025

DRAWING NOTICE:

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REVISIONS:

DESCRIPTION	DATE	BY	REV
ISSUED FINAL	11/30/21	DSA	ECN
ISSUED DRAFT	05/07/21	DSA	ECN

SITE NAME:

NEW CANAAN NORTHWEST

SITE NUMBER:

CT050

SITE ADDRESS:

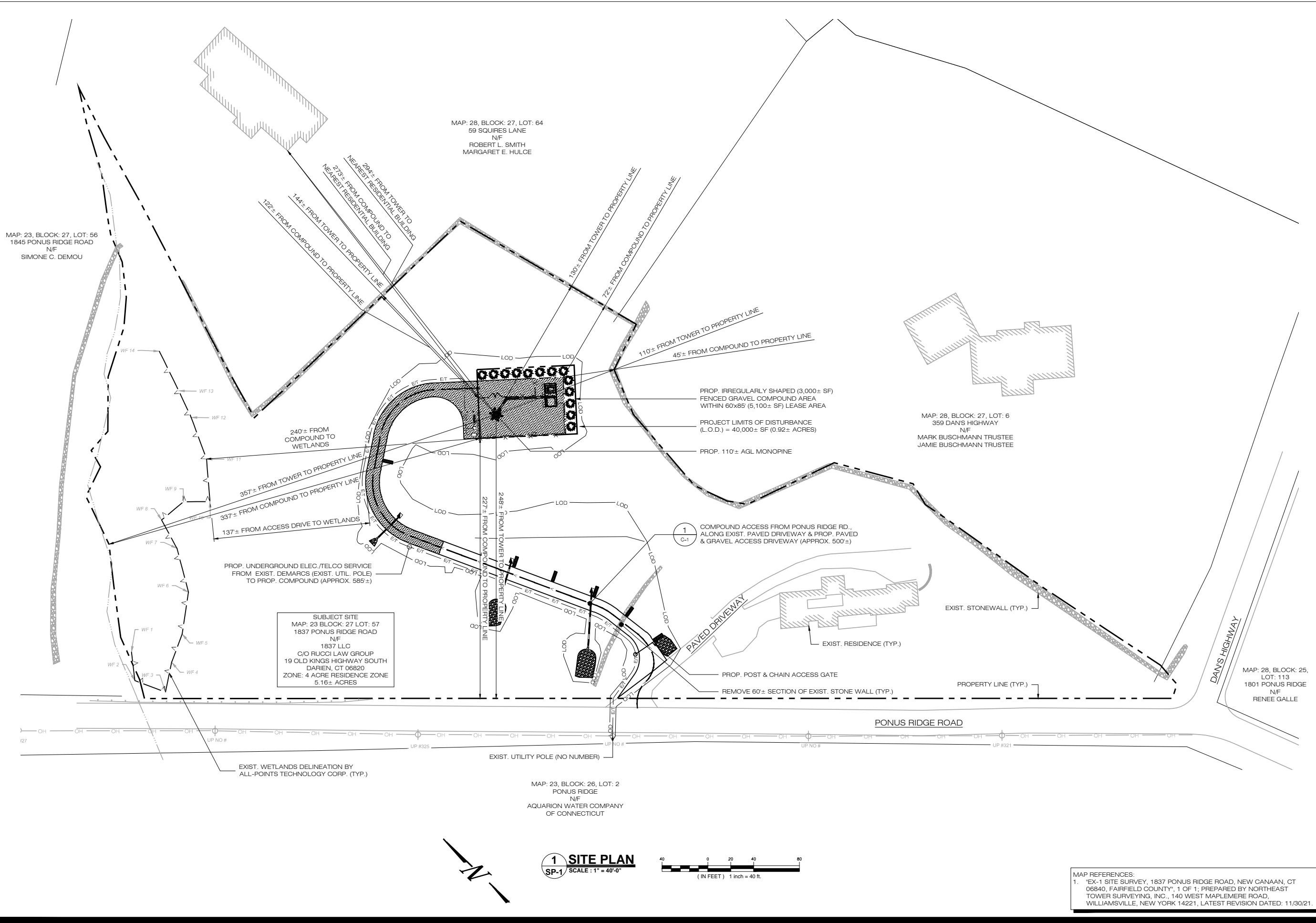
**1837 PONUS RIDGE ROAD
NEW CANAAN, CT 06840
FAIRFIELD COUNTY**

SHEET DESCRIPTION:

SITE SURVEY

SHEET NUMBER:

EX-1



HOMELAND TOWERS, LLC
9 HARMONY STREET
2nd FLOOR
DANBURY, CT 06810
(203) 297-6345

340 MOUNT KEMBLE AVENUE
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ALL-POINTS
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567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385
PH: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

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COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385

DEVELOPER: HOMELAND TOWERS, LLC
ADDRESS: 9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810

HOMELAND TOWERS
NEW CANAAN NORTHWEST

SITE 1837 PONUS RIDGE ROAD
ADDRESS: NEW CANAAN, CT 06840

APT FILING NUMBER: CT283860

DATE: 12/07/21 DRAWN BY: CSH
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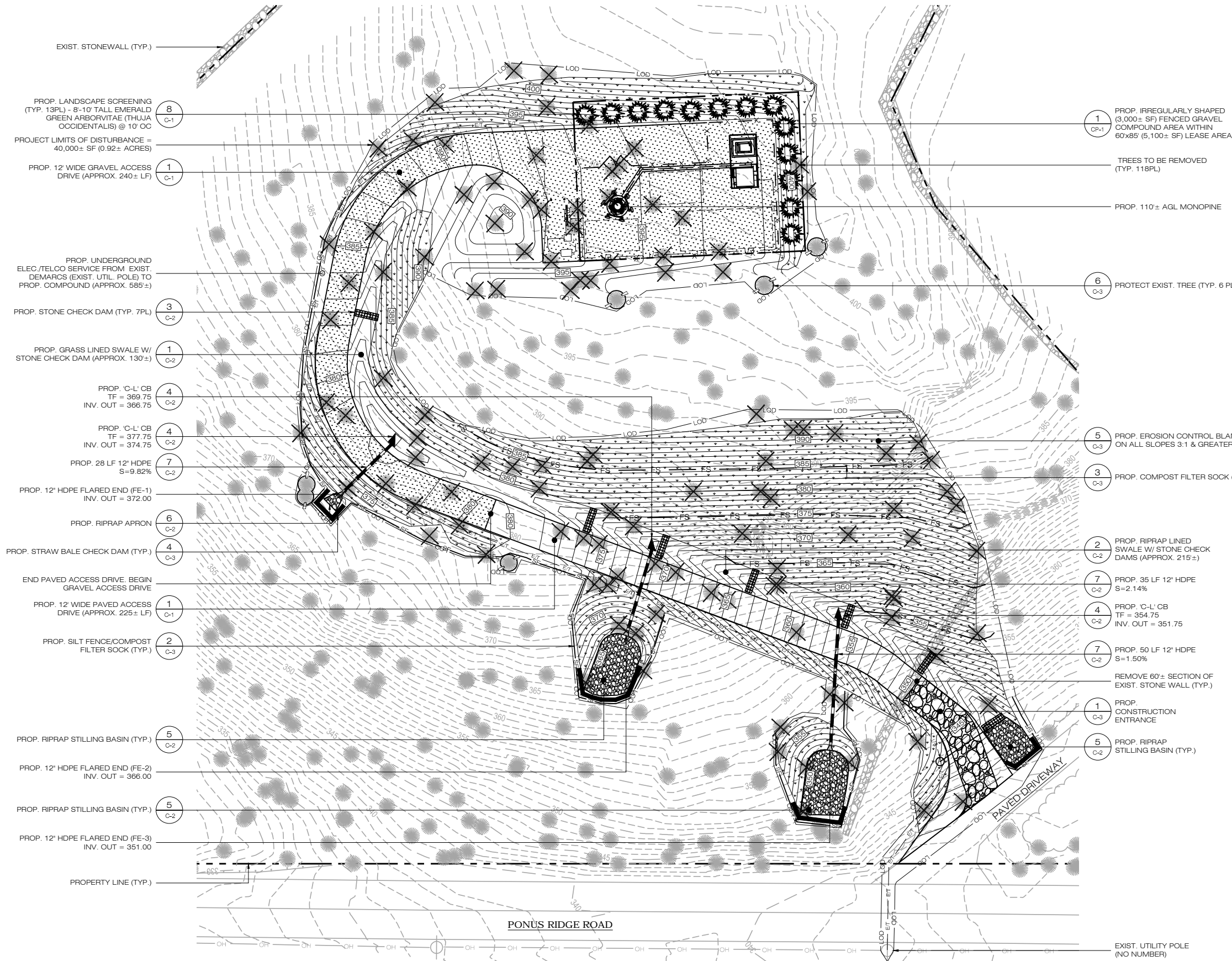
SHEET TITLE:

SITE PLAN &
ABUTTERS MAP

SHEET NUMBER:

SP-1

MAP REFERENCES:
1. "EX-1 SITE SURVEY, 1837 PONUS RIDGE ROAD, NEW CANAAN, CT 06840, FAIRFIELD COUNTY", 1 OF 1; PREPARED BY NORTHEAST TOWER SURVEYING, INC., 140 WEST MAPLEMEER ROAD, WILLIAMSVILLE, NEW YORK 14221, LATEST REVISION DATED: 11/30/21.



LEGEND

---	PROPERTY LINE
---	EXIST. WETLAND
---	100' WETLAND SETBACK
---	L.O.D.
---	PROP. CHAIN LINK FENCE
---	PROP. ELEC./TELCO LINE
---	PROP. FILTER SOCK
---	PROP. FILTER SOCK
---	PROP. HAYBALE CHECK DAM
---	EXIST. TREE TO REMAIN
---	EXIST. TREE TO BE REMOVED
---	EXIST. TREE TO BE PROTECTED
---	EROSION CONTROL BLANKET
---	PROP. EMERALD GREEN ARBORVITAE
---	STONE CHECK DAM

NOTE:
118 TREES WILL NEED TO BE REMOVED IN CONSTRUCTION OF THE FACILITY.

6"-10" DIA.	40 TREES
10"-14" DIA.	37 TREES
> 14" DIA.	41 TREES
	118 TREES

SITE AREAS & VOLUMES OF EARTHWORK

SITWORK ENTAILS APPROXIMATELY 5,170 CUBIC YARDS OF EXCAVATION AND 65 CUBIC YARDS OF FILL. THE COMPOUND & ACCESS DRIVEWAY WILL IMPORT APPROXIMATELY 250 CUBIC YARDS OF CLEAN BROKEN STONE. THE UTILITY TRENCH FROM THE DEMARC TO THE COMPOUND WILL EXCAVATE APPROXIMATELY 340 CUBIC YARDS OF MATERIAL THAT WILL BE USED TO BACKFILL THE TRENCH.

COMPOUND AREA SLOPES:
EXISTING - 6%-15%
PROPOSED - 3%-5%

TOTAL AREA OF DISTURBANCE = 40,000± SF

STORMWATER VELOCITY:
PRIOR TO GROUND COVER < 3.0 FT/SEC
FOLLOWING GROUND COVER < 3.0 FT/SEC

STORMWATER VOLUME:
PROPOSED IMPERVIOUS AREA = 4,880 SF
WATER QUALITY STD VOLUME (1") = 407 CF
STORAGE VOLUME (6" DEPTH, 40% VIDS) = 600 CF

GROUND COVER TO BE ESTABLISHED AS FOLLOWS (U.O.N):
- WHITE CLOVER @ 0.20#/- SF
- TALL FESCUE @ 0.45#/- SF
- RYEGRASS @ 0.10#/- SF

MAP REFERENCES:
1. "EX-1 SITE SURVEY, 1837 PONUS RIDGE ROAD, NEW CANAAN, CT 06840, FAIRFIELD COUNTY", 1 OF 1; PREPARED BY NORTHEAST TOWER SURVEYING, INC., 140 WEST MAPLEMEER ROAD, WILLIAMSVILLE, NEW YORK 14221, LATEST REVISION DATED: 11/30/21.

1 PARTIAL SITE PLAN
SCALE: 1" = 20'-0"

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

HOMELAND TOWERS, LLC
9 HARMONY STREET
2nd FLOOR
DANBURY, CT 06810
(203) 297-6345

at&t
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MORRISTOWN, NEW JERSEY 07960

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COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
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DEVELOPER: HOMELAND TOWERS, LLC
ADDRESS: 9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810

HOMELAND TOWERS NEW CANAAN NORTHWEST

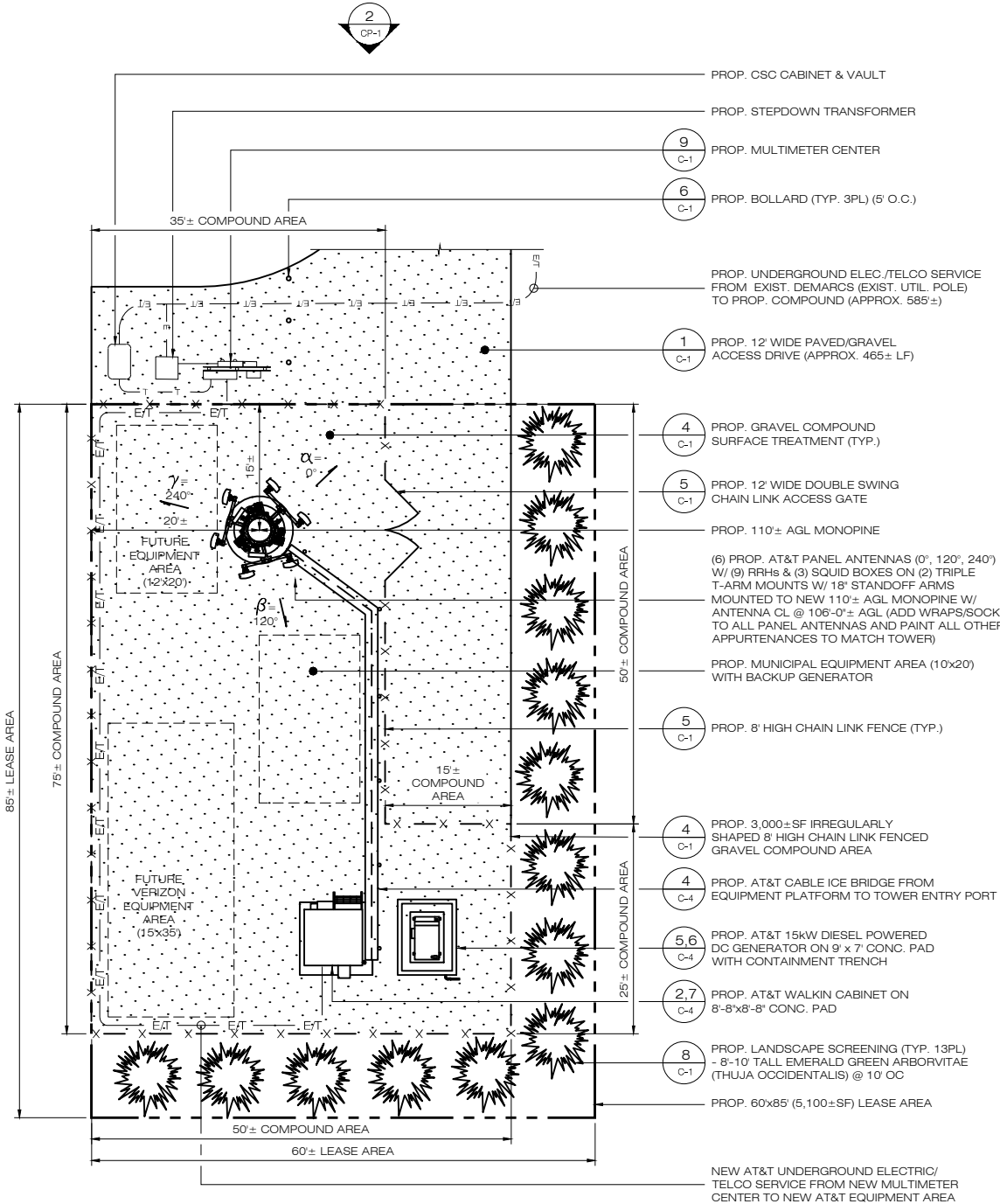
SITE 1837 PONUS RIDGE ROAD
ADDRESS: NEW CANAAN, CT 06840
APT FILING NUMBER: CT283860
DATE: 12/07/21 DRAWN BY: CSH
CHECKED BY: RCB

SHEET TITLE:

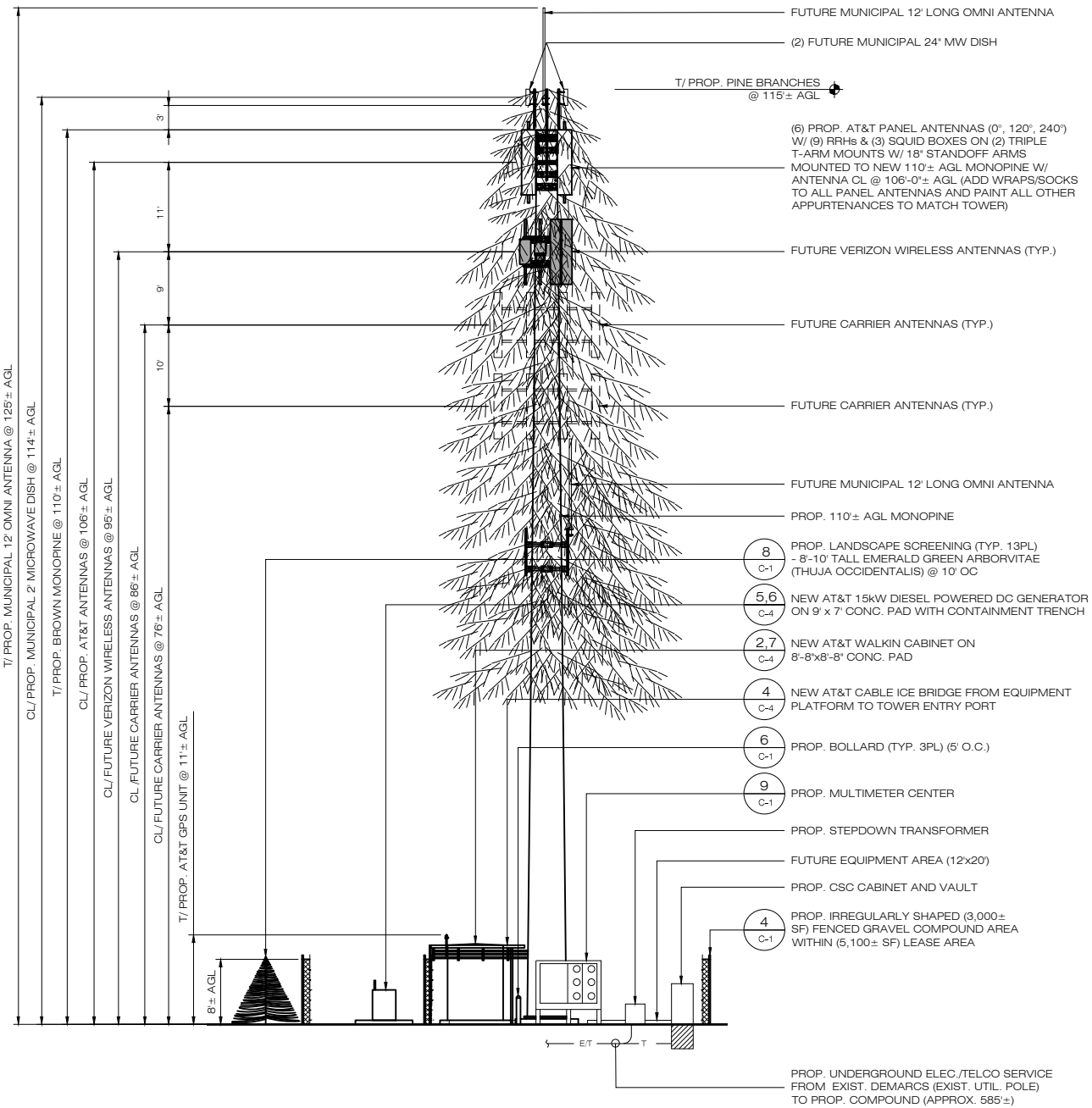
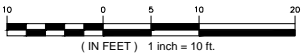
PARTIAL
SITE PLAN

SHEET NUMBER:

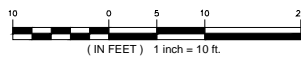
SP-2



1 COMPOUND PLAN
CP-1
SCALE : 1" = 10'-0"



2 NORTHWEST ELEVATION
CP-1
SCALE : 1" = 10'-0"



HOMELAND TOWERS, LLC
9 HARMONY STREET
2nd FLOOR
DANBURY, CT 06810
(203) 297-6345



340 MOUNT KEMBLE AVENUE
MORRISTOWN, NEW JERSEY 07960



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DANBURY, CT 06810

**HOMELAND TOWERS
NEW CANAAN NORTHWEST**

SITE 1837 PONUS RIDGE ROAD
ADDRESS: NEW CANAAN, CT 06840

APT FILING NUMBER: CT283860

DATE: 12/07/21 DRAWN BY: CSH

CHECKED BY: RCB

SHEET TITLE:

**COMPOUND PLAN &
TOWER ELEVATION**

SHEET NUMBER:

CP-1

Wilderness Areas of the United States

Provided by Wilderness Connect



▼

Connecticut, USA

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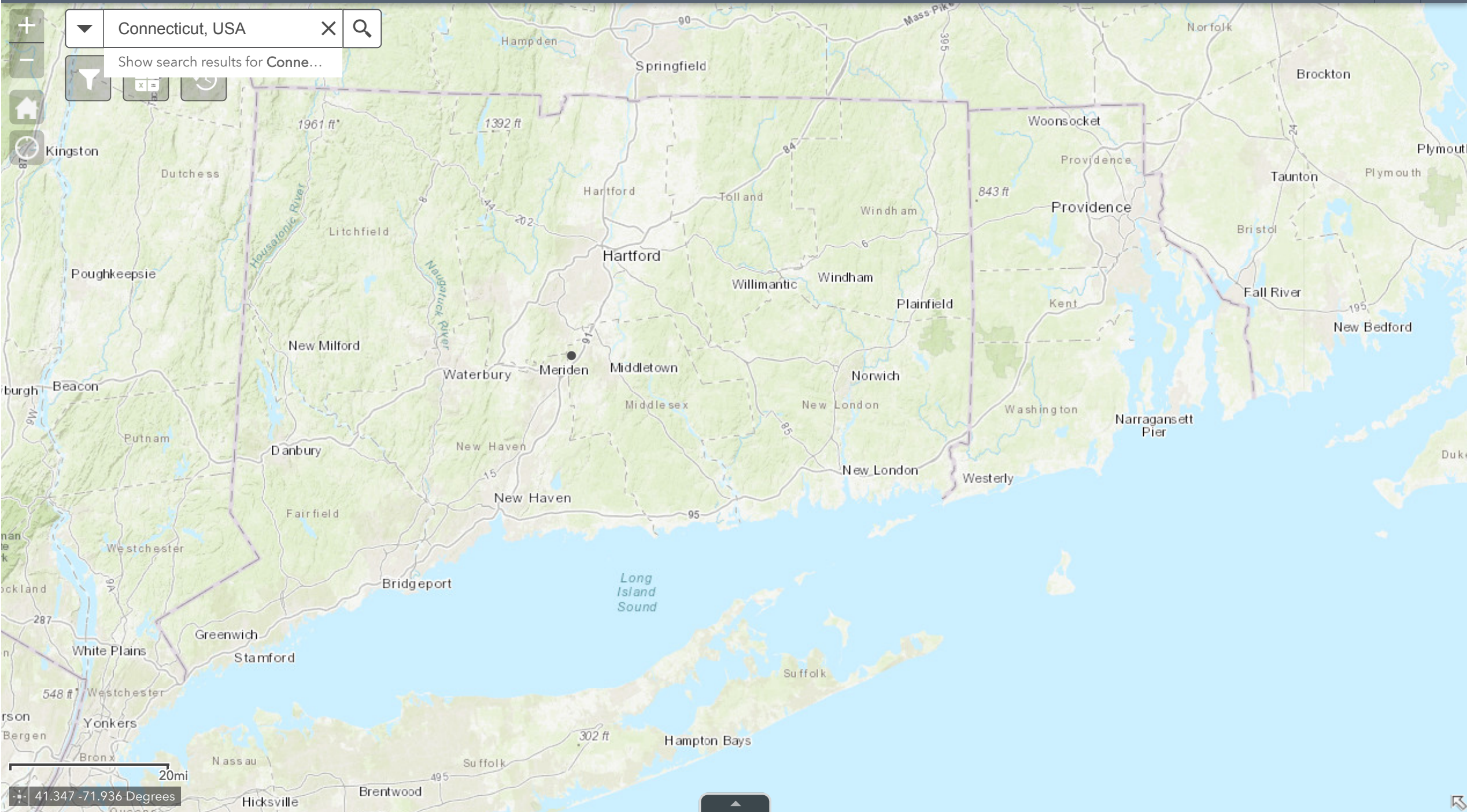
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Show search results for Conne...

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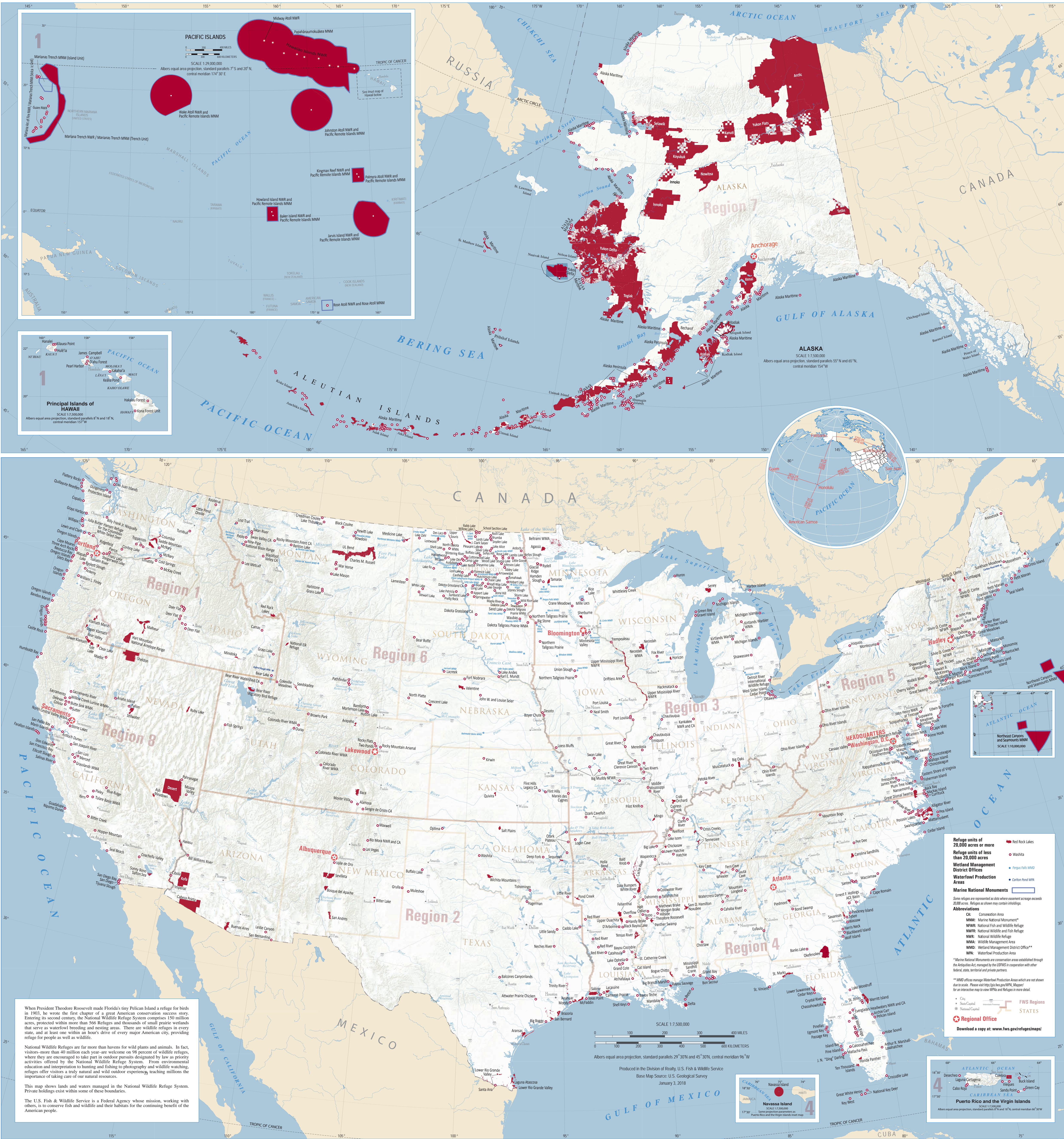
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U.S. Fish & Wildlife Service

National Wildlife Refuge System





USFWS & NDDB COMPLIANCE

April 1, 2022

Homeland Towers, LLC
9 Harmony Street, 2nd Floor
Danbury, CT 06810

Re: CT050 New Canaan Northwest, 1837 Ponus Ridge Road, New Canaan, CT
APT Job No: CT283860

On behalf of Homeland Towers, LLC ("Homeland"), All-Points Technology Corporation, P.C. ("APT") performed an evaluation with respect to possible federally- and state-listed, Endangered, Threatened, or Special Concern species in order to determine if the proposed referenced telecommunication facility ("Facility") would result in a potential adverse effect to listed species.

APT understands that Homeland Towers proposes to construct a wireless telecommunications facility within forested upland areas in the northeastern portion of 1837 Ponus Ridge Road in New Canaan, Connecticut ("Subject Property"). The proposed Facility and 12-foot wide gravel access consists of mature hardwood upland forest dominated by red, white, and black oak and sugar maple overstory.

USFWS

The federal rare species consultation was completed in accordance with Section 7 of the Endangered Species Act through the U.S. Fish and Wildlife Service's ("USFWS") Information, Planning, and Conservation System ("IPaC"). Based on the results of the IPaC review, two federally listed¹ threatened species are known to occur in the vicinity of the Subject Property documented as the northern long-eared bat ("NLEB"; *Myotis septentrionalis*²) and bog turtle (*Clemmys muhlenbergii*). As a result of this preliminary finding, APT performed an evaluation to determine if the proposed referenced Facility would result in a likely adverse effect to NLEB and bog turtle.

Northern Long-eared Bat

The proposed Facility and access drive would be located within a forested area requiring ± 0.92 acre of tree clearing (trees provide potential NLEB habitat). A review of the Connecticut Department of Energy & Environmental Protection ("DEEP") Wildlife Division Natural Diversity Data Base ("NDDB") NLEB habitat map³ revealed that the proposed Facility is not within 150 feet of a known occupied NLEB maternity roost tree and is not within 0.25 mile of a known NLEB hibernaculum. The nearest NLEB habitat resource to the proposed Facility is located ± 6.1 miles to the southwest in Greenwich.

¹ Listing under the federal Endangered Species Act

² The U.S. Fish and Wildlife Service announced a proposal to reclassify the northern long-eared bat as endangered under the Endangered Species Act on March 22, 2022.

³ *Northern long-eared bat areas of concern in Connecticut to assist with Federal Endangered Species Act Compliance map*. March 6, 2019.

APT submitted the effects determination using the NLEB key within the IPaC system for the proposed Facility (the "Action"). This IPaC key assists users in determining whether a Federal action is consistent with the activities analyzed in the USFWS's January 5, 2016, intra-Service Programmatic Biological Opinion ("PBO") on the Final 4(d) Rule for the NLEB for Section 7(a)(2) compliance.

Based upon the IPaC submission, the Action is consistent with activities analyzed in the PBO; please refer to the enclosed January 6, 2022 USFWS letter. The Action may affect NLEB; however, any take that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o). If the USFWS does not respond within 30 days from the date of the letter (February 5, 2022), one may presume that the IPaC-assisted determination was correct and that the PBO satisfies and concludes Homeland's responsibilities for this Action under ESA Section 7(a)(2) with respect to NLEB. No response was received from USFWS; therefore, the Action complies with ESA Section 7(a)(2) with respect to NLEB.

In addition, Homeland would consider the following additional USFWS voluntary conservation measures, where appropriate and as the project schedule allows, as encouraged in the April 29, 2016 FCC Public Notice⁴, to reduce the potential impacts of activities in NLEB.

- Conduct tree removal activities outside of the NLEB pup season (June 1-July 31) and active season (April 1-October 31) to minimize impacts to pups at roosts not yet identified.
- Avoid clearing suitable spring staging and fall swarming habitat within a five-mile radius of known or assumed NLEB hibernacula during the staging and swarming seasons (April 1-May 15 and August 15-November 14, respectively). *Not applicable.*
- Maintain dead trees (snags) and large trees when possible.
- Use herbicides and pesticides only if unavoidable. If necessary, spot treatment is preferred over aerial application.
- Minimize exterior night lighting, opting for down-shielded, motion-sensor security lights to keep light within the boundaries of the Subject Property, avoiding constant illumination lighting.

Bog Turtle

Bog turtle habitat consists of specific wetland habitat types comprised of wet meadows, pastures and fens that have developed in limestone (calcareous) derived soils. The "Bog Turtle (*Clemmys muhlenbergii*), Northern Population, Recovery Plan" (M.W. Klemens, compiler, May 15, 2001) and Amphibians and Reptiles of Connecticut and Adjacent Regions (M.W. Klemens, 1993) identifies bog turtle habitat as "*calcareous wet meadows, pastures, and fens, usually bordered by shrub and red-maple swamps... [that are] characterized by a continuous flow of water seeping through the saturated surface soil and [contain] an extremely diverse vegetational community*" and "*Bog Turtles inhabit small pockets of open-canopy habitat located within these diverse and dynamic wetland ecosystems.*"

One wetland area was delineated in proximity to the proposed Facility, consisting of a hillside seep, closed-canopy, forested wetland system associated with an interior diffuse intermittent watercourse the flows to the south/southwest into nearby Laurel Reservoir located across Ponus Ridge Road. Numerous seep outbreaks were observed along the delineated wetland edge of this resource. This wetland area is formed in acidic glacial till deposits classified as Charlton-Chatfield complex and Canton and Charlton soils and underlain by schist bedrock known as the Trap Falls Formation. Trap Falls

⁴ Federal Communications Commission. *Tower Construction Guidance for Protection of Northern Long-Eared Bat Under the Endangered Species Act*. Public Notice DA 16-476. April 29, 2016

Formation is described as a gray to silvery, partly rusty weathering, medium-grained generally well layered schist, composed of quartz, sodic plagioclase, biotite, muscovite, and garnet, locally with sillimanite or kyanite, interlayered with two-mica gneiss and granulite and with amphibolite. Limestone (calcareous) influenced soils and bedrock do not occur on or adjacent to the Subject Property.

Based on this assessment of potential suitable habitat for bog turtle, it was determined that preferred habitat of bog turtles is not supported by the Subject Property wetland. In further support of this conclusion, consultation with the DEEP Natural Diversity Data Base (discussed in the following section) did not reveal the potential presence of bog turtle in the vicinity of the Subject Property. Therefore, no effect to bog turtle, a wetland dependent species, would result from the proposed Facility.

APT submitted the bog turtle effects determination using the biological assessment key within the IPaC system for the proposed Facility (the "Action"). A USFWS Biological Assessment dated March 31, 2022 was completed through the IPaC system documenting the Facility would have no effect on bog turtle; please refer to the enclosed Biological Assessment.

NDDB

According to the most recent DEEP NDDB maps, the proposed Facility is located within a shaded NDDB buffer area and therefore could potentially conflict with listed rare species. Please refer to the enclosed NDDB Map. APT submitted a NDDB review request with DEEP to identify State-listed Endangered, Threatened, and Special Concern species occurring in the vicinity of the proposed Facility and if the proposed activity could potentially conflict with listed species.

DEEP issued a January 7, 2022 Determination letter (No. 202112676) indicating three State-listed species may be influenced by activities within the proposed project area: little brown bat (*Myotis lucifugus*; Endangered), eastern box turtle (*Terrapene carolina carolina*; Special Concern), and red bat (*Lasiurus borealis*; Special Concern). Please refer to the attached NDDB Determination letter for further details.

Construction-phase protection measures and time of year restrictions for eastern box turtle, little brown bat, and red bat are identified in the January 7th NDDB letter. APT understands that Homeland will implement the recommended protection measures during construction and adhere to the time of year restrictions to protect state-listed species. Details of those protection measures will be included in the Connecticut Siting Council's Development and Management Plan, provided the Council approves the Facility.

Therefore, with implementation of the DEEP recommended protection measures, the proposed Facility is not anticipated to adversely impact any Federal or State threatened, endangered or species of special concern.

Sincerely,
All-Points Technology Corporation, P.C.



Dean Gustafson
Senior Biologist

Enclosures

USFWS NLEB Letter



United States Department of the Interior

FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104
<http://www.fws.gov/newengland>



IPaC Record Locator: 202-108691872

January 06, 2022

Subject: Consistency letter for the 'Homeland Towers -New Canaan NW' project indicating that any take of the northern long-eared bat that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o).

Dear Deborah Gustafson:

The U.S. Fish and Wildlife Service (Service) received on January 06, 2022 your effects determination for the 'Homeland Towers -New Canaan NW' (the Action) using the northern long-eared bat (*Myotis septentrionalis*) key within the Information for Planning and Consultation (IPaC) system. You indicated that no Federal agencies are involved in funding or authorizing this Action. This IPaC key assists users in determining whether a non-Federal action may cause “take”^[1] of the northern long-eared bat that is prohibited under the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.).

Based upon your IPaC submission, any take of the northern long-eared bat that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o). Unless the Service advises you within 30 days of the date of this letter that your IPaC-assisted determination was incorrect, this letter verifies that the Action is not likely to result in unauthorized take of the northern long-eared bat.

Please report to our office any changes to the information about the Action that you entered into IPaC, the results of any bat surveys conducted in the Action area, and any dead, injured, or sick northern long-eared bats that are found during Action implementation.

If your Action proceeds as described and no additional information about the Action’s effects on species protected under the ESA becomes available, no further coordination with the Service is required with respect to the northern long-eared bat.

The IPaC-assisted determination for the northern long-eared bat **does not** apply to the following ESA-protected species that also may occur in your Action area:

- Bog Turtle *Clemmys muhlenbergii* Threatened
- Monarch Butterfly *Danaus plexippus* Candidate

You may coordinate with our Office to determine whether the Action may cause prohibited take of the animal species listed above.

[1]Take means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct [ESA Section 3(19)].

Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

Homeland Towers -New Canaan NW

2. Description

The following description was provided for the project 'Homeland Towers -New Canaan NW':

All-Points Technology Corp., P.C. ("APT") understands that Homeland Towers proposes to construct a wireless telecommunications facility ("Facility") located within forested upland areas in the northeastern portion of the subject property located at 1837 Ponus Ridge Road in New Canaan, Connecticut. The location of the facility consists of mature hardwood upland forest dominated by red, white, and black oak and sugar maple overstory.

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@41.171758499999996,-73.54379131778789,14z>

**Determination Key Result**

This non-Federal Action may affect the northern long-eared bat; however, any take of this species that may occur incidental to this Action is not prohibited under the final 4(d) rule at 50 CFR §17.40(o).

Determination Key Description: Northern Long-eared Bat 4(d) Rule

This key was last updated in IPaC on **May 15, 2017**. Keys are subject to periodic revision.

This key is intended for actions that may affect the threatened northern long-eared bat.

The purpose of the key for non-Federal actions is to assist determinations as to whether proposed actions are excepted from take prohibitions under the northern long-eared bat 4(d) rule.

If a non-Federal action may cause prohibited take of northern long-eared bats or other ESA-listed animal species, we recommend that you coordinate with the Service.

Determination Key Result

Based upon your IPaC submission, any take of the northern long-eared bat that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o).

Qualification Interview

1. Is the action authorized, funded, or being carried out by a Federal agency?

No

2. Will your activity purposefully **Take** northern long-eared bats?

No

3. [Semantic] Is the project action area located wholly outside the White-nose Syndrome Zone?

Automatically answered

No

4. Have you contacted the appropriate agency to determine if your project is near a known hibernaculum or maternity roost tree?

Location information for northern long-eared bat hibernacula is generally kept in state Natural Heritage Inventory databases – the availability of this data varies state-by-state. Many states provide online access to their data, either directly by providing maps or by providing the opportunity to make a data request. In some cases, to protect those resources, access to the information may be limited. A web page with links to state Natural Heritage Inventory databases and other sources of information on the locations of northern long-eared bat roost trees and hibernacula is available at www.fws.gov/midwest/endangered/mammals/nleb/nhisites.html.

Yes

5. Will the action affect a cave or mine where northern long-eared bats are known to hibernate (i.e., hibernaculum) or could it alter the entrance or the environment (physical or other alteration) of a hibernaculum?

No

6. Will the action involve Tree Removal?

Yes

7. Will the action only remove hazardous trees for the protection of human life or property?

No

8. Will the action remove trees within 0.25 miles of a known northern long-eared bat hibernaculum at any time of year?

No

9. Will the action remove a known occupied northern long-eared bat maternity roost tree or any trees within 150 feet of a known occupied maternity roost tree from June 1 through July 31?

No

Project Questionnaire

If the project includes forest conversion, report the appropriate acreages below. Otherwise, type '0' in questions 1-3.

1. Estimated total acres of forest conversion:

0.9

2. If known, estimated acres of forest conversion from April 1 to October 31

0.9

3. If known, estimated acres of forest conversion from June 1 to July 31

0.9

If the project includes timber harvest, report the appropriate acreages below. Otherwise, type '0' in questions 4-6.

4. Estimated total acres of timber harvest

0

5. If known, estimated acres of timber harvest from April 1 to October 31

0

6. If known, estimated acres of timber harvest from June 1 to July 31

0

If the project includes prescribed fire, report the appropriate acreages below. Otherwise, type '0' in questions 7-9.

7. Estimated total acres of prescribed fire

0

8. If known, estimated acres of prescribed fire from April 1 to October 31

0

9. If known, estimated acres of prescribed fire from June 1 to July 31

0

If the project includes new wind turbines, report the megawatts of wind capacity below. Otherwise, type '0' in question 10.

10. What is the estimated wind capacity (in megawatts) of the new turbine(s)?

0

USFWS Biological Assessment

Homeland Towers -New Canaan NW

Biological Assessment

Prepared using IPaC

Generated by Deborah Gustafson (dleonardo@allpointstech.com)

March 31, 2022

The purpose of this Biological Assessment (BA) is to assess the effects of the proposed project and determine whether the project may affect any Federally threatened, endangered, proposed or candidate species. This BA is prepared in accordance with legal requirements set forth under [Section 7 of the Endangered Species Act \(16 U.S.C. 1536 \(c\)\)](#).

In this document, any data provided by U.S. Fish and Wildlife Service is based on data as of March 31, 2022.

Prepared using IPaC version 6.72.3-rc7

Homeland Towers -New Canaan NW Biological Assessment

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1 Description Of The Action

1.1 Project Name

Homeland Towers -New Canaan NW

1.2 Executive Summary

Homeland Towers proposes to construct a wireless telecommunications facility located within forested upland areas in the northeastern portion of the subject property located at 1837 Ponus Ridge Road in New Canaan, Connecticut ("Subject Property") to improve wireless communication and emergency services to the northwestern portion of New Canaan and the northeastern part of Stamford.

Bog turtle habitat consists of specific wetland habitat types comprised of calcareous wet meadows, pastures and fens. No such wetland habitat occurs on or immediately adjacent to the Subject Property. ction.

[Effect determination summary](#)

1.3 Project Description

1.3.1 Location



LOCATION

Fairfield County, Connecticut

1.3.2 Description of project habitat

Homeland Towers proposes to construct a wireless telecommunications facility located within forested upland areas in the northeastern portion of the subject property located at 1837 Ponus Ridge Road in New Canaan, Connecticut ("Subject Property"). The location of the facility consists of mature hardwood upland forest dominated by red, white, and black oak and sugar maple overstory.

One wetland area (Wetland 1) was identified along the subject property's western property boundary. Wetland 1 consists of a closed canopy forested broad hillside seep system formed in dense glacial till with an interior diffuse intermittent watercourse the flows to the south/southwest into nearby Laural Reservoir located across Ponus Ridge Road. Numerous seep outbreaks were observed along the delineated wetland edge of this resource.

Soils on and in the vicinity of the Subject Property include Charlton-Chatfield complex and Canton and Charlton soils derived from glacial till parent material. Charlton-Chatfield complex are well-drained coarse-loamy melt-out till soils derived from granite, gneiss, and/or schist parent material. Canton and Charlton soils are well drained, loamy soils formed in ablation till derived mostly from gneiss, schist, and granite parent material. Bedrock geology underlying the Host Property is identified as Trap Falls Formation. Trap Falls Formation is described as a gray to silvery, partly rusty weathering, medium-grained generally well layered schist, composed of quartz, sodic plagioclase, biotite, muscovite, and garnet, locally with sillimanite or kyanite, interlayered with two-mica gneiss and granulite and with amphibolite. Limestone (calcareous) influenced soils and bedrock do not occur on or adjacent to the Subject Property.

Relevant documentation

- [CT050 New Canaan NW Wtl Delin Rpt 09.27.21-signed](#)

1.3.3 Project proponent information

Provide information regarding who is proposing to conduct the project, and their contact information. Please provide details on whether there is a Federal nexus.

Requesting Agency

All-Points Technology Corporation, P.C.

FULL NAME

Deborah Gustafson

STREET ADDRESS

567 Vauxhall Street Extension

Suite 311

CITY

Waterford

STATE

CT

ZIP

06235

PHONE NUMBER

8609849514

E-MAIL ADDRESS

dleonardo@allpointstech.com

Lead agency

Federal Communications Commission

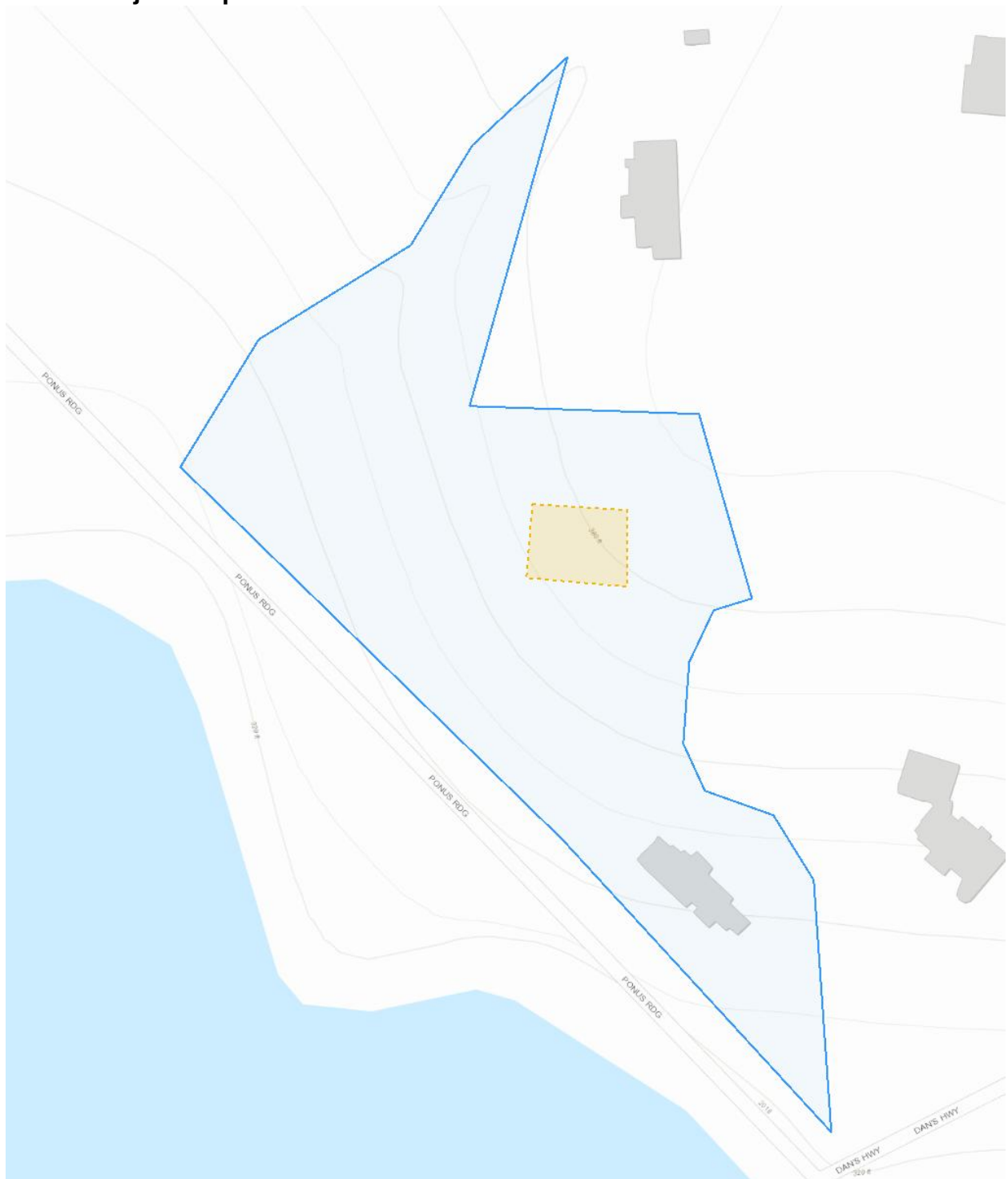
1.3.4 Project purpose

The proposed tower Facility will provide reliable wireless communications services to the northwestern portion of New Canaan and the northeastern part of Stamford. The facility is needed by AT&T, Verizon Wireless, and Town of New Canaan for emergency communications to provide reliable services to the public that are not currently provided in these parts of New Canaan and Stamford. In addition to providing reliable wireless service to these areas, AT&T will also provide FirstNet services, which is the first broadband network dedicated to America's police, firefighters and emergency medical services (EMS). The proposed tower facility will bring the required coverage to significant portions of Ponus Ridge Road, Dan's Highway, High Ridge Road (Route 137) as well as other roads and areas near the proposed tower location.

1.3.5 Project type and deconstruction

This project is a wireless communications tower project.

1.3.5.1 Project map



LEGEND



Project footprint



Wireless Communications Tower: Wireless telecommunications tower (structure)

1.3.5.2 wireless telecommunications tower

Structure completion date

December 31, 2022

Removal/decommission date (if applicable)

Not applicable

Stressors

This activity is not expected to have any impact on the environment.

Description

Since no habitat for bog turtle exists on or immediately adjacent to the Subject Property, the proposed action would not result in a stressor to bog turtle.

1.3.6 Anticipated environmental stressors

Describe the anticipated effects of your proposed project on the aspects of the land, air and water that will occur due to the activities above. These should be based on the activity deconstructions done in the previous section and will be used to inform the action area.

1.4 Action Area



1.5 Conservation Measures

Describe any proposed measures being implemented as part of the project that are designed to reduce the impacts to the environment and their resulting effects to listed species. To avoid extra verbiage, don't list measures that have no relevance to the species being analyzed.

No conservation measures have been selected for this project.

1.6 Prior Consultation History

IPaC consultations:

NLEB - January 06, 2022

IPaC - Official Species List - January 01, 2022

1.7 Other Agency Partners And Interested Parties

State of Connecticut Siting Council

Connecticut Department of Energy and Environmental Protection

1.8 Other Reports And Helpful Information

N/A

2 Species Effects Analysis

This section describes, species by species, the effects of the proposed action on listed, proposed, and candidate species, and the habitat on which they depend. In this document, effects are broken down as direct interactions (something happening directly to the species) or indirect interactions (something happening to the environment on which a species depends that could then result in effects to the species).

These interactions encompass effects that occur both during project construction and those which could be ongoing after the project is finished. All effects, however, should be considered, including effects from direct and indirect interactions and cumulative effects.

2.1 Bog Turtle

This species has been excluded from analysis in this environmental review document.

Relevant documentation

- [Determination Letter 202112676-New Canaan Cell tower Ponus Ridge](#)

Homeland Towers proposes to construct a wireless telecommunications facility located within forested upland areas in the northeastern portion of the subject property located at 1837 Ponus Ridge Road in New Canaan, Connecticut ("Subject Property"). The location of the facility consists of mature hardwood upland forest dominated by red, white, and black oak and sugar maple overstory.

One wetland area (Wetland 1) was identified along the subject property's western property boundary. Wetland 1 consists of a closed canopy forested broad hillside seep system formed in dense glacial till with an interior diffuse intermittent watercourse the flows to the south/southwest into nearby Laural Reservoir located across Ponus Ridge Road. Numerous seep outbreaks were observed along the delineated wetland edge of this resource.

Soils on and in the vicinity of the Subject Property include Charlton-Chatfield complex and Canton and Charlton soils derived from glacial till parent material. Charlton-Chatfield complex are well-drained coarse-loamy melt-out till soils derived from granite, gneiss, and/or schist parent material. Canton and Charlton soils are well drained, loamy soils formed in ablation till derived mostly from gneiss, schist, and granite parent material. Bedrock geology underlying the Host Property is identified as Trap Falls Formation. Trap Falls Formation is described as a gray to silvery, partly rusty weathering, medium-grained generally well layered schist, composed of quartz, sodic plagioclase, biotite, muscovite, and garnet, locally with sillimanite or kyanite, interlayered with two-mica gneiss and granulite and with amphibolite. Limestone (calcareous) influenced soils and bedrock do not occur on or adjacent to the Subject Property.

Bog turtle habitat consists of specific wetland habitat types comprised of calcareous wet meadows, pastures and fens. No such wetland habitat occurs on or immediately adjacent to the Subject Property. In addition, consultation with the CTDEEP Natural Diversity Data Base did not reveal the potential presence of bog turtle in the vicinity of the Subject Property. Please refer to the attached January 7, 2022 NDDB Determination Letter (No. 202112676). Therefore, no effect to bog turtle, a wetland dependent species, would result from the proposed project action.

Justification for exclusion

Since no habitat for bog turtle occurs on or immediately adjacent to the Subject Property, no further consideration of potential effects is warranted.

2.2 Monarch Butterfly

This species has been excluded from analysis in this environmental review document.

Justification for exclusion

Since Monarch Butterfly is a Candidate Species, no effects analysis is required.

2.3 Northern Long-Eared Bat

This species has been excluded from analysis in this environmental review document.

Relevant documentation

- [MA Documentation Letter Northern Long-Eared Bat NLEB Consultation and 4d Rule Consistency 2022-01-06](#)

NLEB 4d Rule Consistency consultation was completed. Based upon the IPaC submission, the Action is consistent with activities analyzed in the PBO; please refer to the enclosed January 6, 2022, USFWS letter.

Justification for exclusion

NLEB 4d Rule Consistency consultation was completed. Based upon the IPaC submission, the Action is consistent with activities analyzed in the PBO; please refer to the enclosed January 6, 2022, USFWS letter.

3 Critical Habitat Effects Analysis

No critical habitats intersect with the project action area.

4 Summary Discussion, Conclusion, And Effect Determinations

4.1 Effect Determination Summary

SPECIES (COMMON NAME)	SCIENTIFIC NAME	LISTING STATUS	PRESENT IN ACTION AREA	EFFECT DETERMINATION
Bog Turtle	Glyptemys muhlenbergii	Threatened	No	NE
Monarch Butterfly	Danaus plexippus	Candidate	Excluded from analysis	Excluded from analysis
Northern Long-eared Bat	Myotis septentrionalis	Threatened	No	NE

4.2 Summary Discussion

Homeland Towers proposes to construct a wireless telecommunications facility located within forested upland areas in the northeastern portion of the subject property located at 1837 Ponus Ridge Road in New Canaan, Connecticut ("Subject Property").

The proposed tower Facility will provide reliable wireless communications services to the northwestern portion of New Canaan and the northeastern part of Stamford. The facility is needed by AT&T, Verizon Wireless, and Town of New Canaan for emergency communications to provide reliable services to the public that are not currently provided in these parts of New Canaan and Stamford. The proposed tower facility will bring the required coverage to significant portions of Ponus Ridge Road, Dan's Highway, High Ridge Road (Route 137) as well as other roads and areas near the proposed tower location to provide reliable wireless communication services as well as emergency communication services.

The location of the facility consists of mature hardwood upland forest dominated by red, white, and black oak and sugar maple overstory. One wetland area (Wetland 1) was identified along the subject property's western property boundary. Wetland 1 consists of a closed canopy forested broad hillside seep system formed in dense glacial till with an interior diffuse intermittent watercourse the flows to the south/southwest into nearby Laural Reservoir located across Ponus Ridge Road. Numerous seep outbreaks were observed along the delineated wetland edge of this resource.

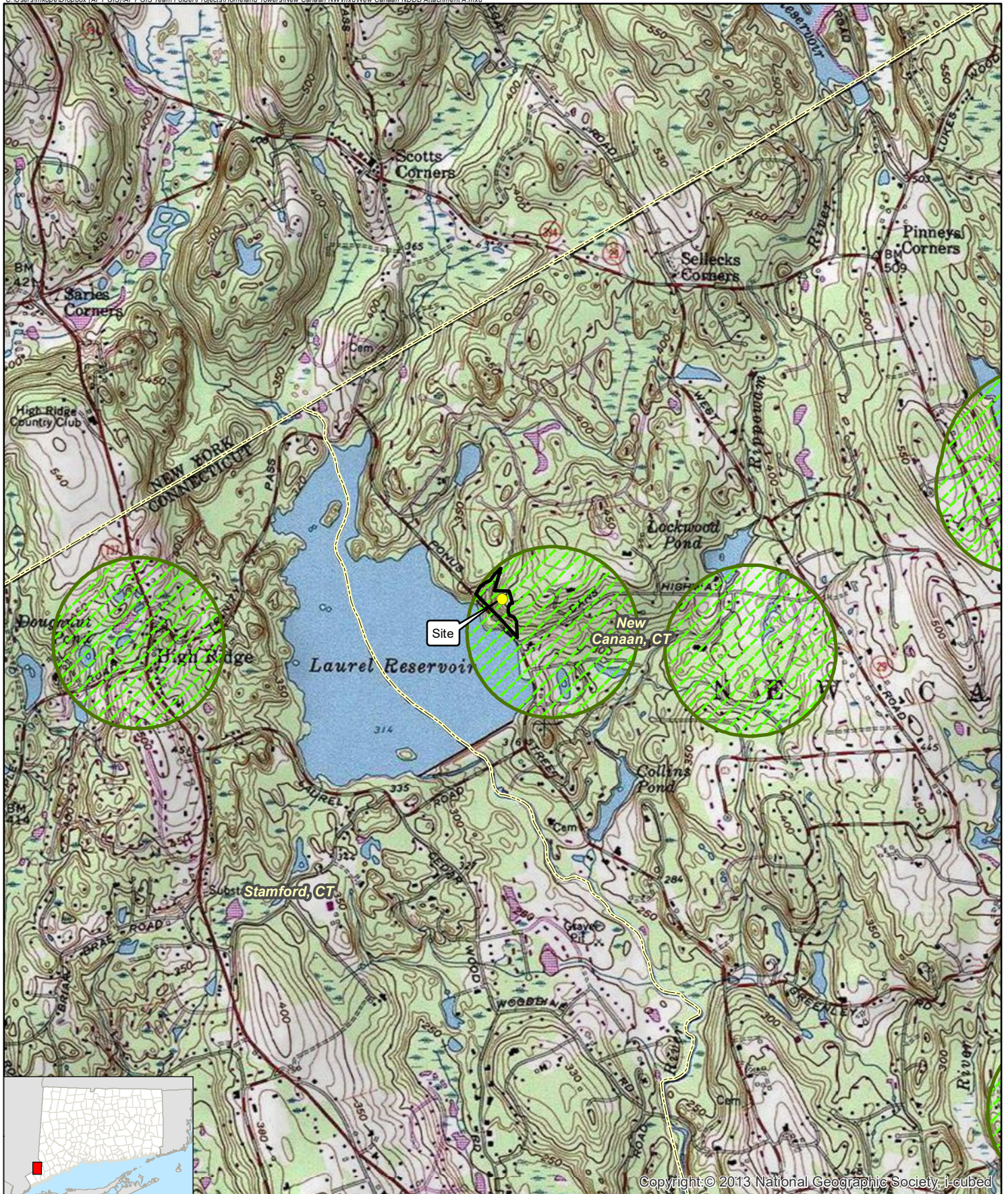
Soils on and in the vicinity of the Subject Property include Charlton-Chatfield complex and Canton and Charlton soils derived from glacial till parent material. Charlton-Chatfield complex are well-drained coarse-loamy melt-out till soils derived from granite, gneiss, and/or schist parent material. Canton and Charlton soils are well drained, loamy soils formed in ablation till derived mostly from gneiss, schist, and granite parent material. Bedrock geology underlying the Host Property is identified as Trap Falls Formation. Trap Falls Formation is described as a gray to silvery, partly rusty weathering, medium-grained generally well layered schist, composed of quartz, sodic plagioclase, biotite, muscovite, and garnet, locally with sillimanite or kyanite, interlayered with two-mica gneiss and granulite and with amphibolite. Limestone (calcareous) influenced soils and bedrock do not occur on or adjacent to the Subject Property.

Bog turtle habitat consists of specific wetland habitat types comprised of calcareous wet meadows, pastures and fens. No such wetland habitat occurs on or immediately adjacent to the Subject Property. In addition, consultation with the CTDEEP Natural Diversity Data Base did not reveal the potential presence of bog turtle in the vicinity of the Subject Property. Please refer to the attached January 7, 2022 NDDB Determination Letter (No. 202112676). Therefore, no effect to bog turtle, a wetland dependent species, would result from the proposed project action.

4.3 Conclusion

Bog turtle habitat consists of specific wetland habitat types comprised of calcareous wet meadows, pastures and fens. No such wetland habitat occurs on or immediately adjacent to the Subject Property. Therefore, no effect to bog turtle, a wetland dependent species, would result from the proposed project action.

NDDDB Map



Copyright: © 2013 National Geographic Society, 1-cubed

Legend

- Proposed Tower
- Subject Property
- Natural Diversity Database (updated December 2021)
- Municipal Boundary

Map Notes:
 Base Map Source: USGS 7.5 Minute Topographic
 Quadrangle Maps, Pound Ridge, NY-CT (1971)
 Map Scale: 1:24,000
 Map Date: October 2021



1,000 500 0 1,000
 Feet

NDDB Map

Proposed Wireless
 Telecommunications Facility
 CT050 - New Canaan Northwest
 1837 Ponus Ridge Road
 New Canaan, Connecticut



NDDB Determination Letter

January 7, 2022

Dean Gustafson
All-Points Technology Corporation, P.C.
567 Vauxhall Street Ext, Suite 311
Waterford, CT 06385
dgustafson@allpointstech.com

NDDB DETERMINATION NUMBER: 202112676

Project: Installation of cell tower communications facility and access road; CT050-NEW CANAAN NORTHWEST, 1837 PONUS RIDGE RD., NEW CANAAN, CT

Expiration: January 7, 2024

I have reviewed Natural Diversity Database (NDDB) maps and files regarding this project. According to our records, there are State-listed species (RCSA Sec. 26-306) that may be influenced by activities withing the proposed project area.

Little brown bat (*Myotis lucifugus*)- State Endangered

Red bat (*Lasiurus borealis*)- State Special Concern

Eastern box turtle (*Terrapene carolina carolina*)- State Special Concern

Bats

Little brown bat populations, once one of the most common bat species in Connecticut, have declined over 90% as a result of White Nose Syndrome. During summer, they will roost in buildings, trees, under rocks, and in piles of wood. Foraging is focused at edges of forested habitat along bodies of water. Maternity roosts occur in trees or buildings with a southwesterly exposure. During the winter season, Little brown bats will seek refuge in "hibernation roosts," typically caves, rock fissures, or abandoned mines.

Red bats are a migratory "tree bat" species that is found throughout Connecticut between April-October in a variety of forested habitats. They roost out in the foliage of deciduous and coniferous trees, camouflaged as dead leaves or cones. Red bats are primarily solitary roosters. They can be found roosting and feeding around forest edges and clearings. Typically, larger diameter trees (12-inch DBH and larger) are more valuable to these bats. Additionally, trees with loose, rough bark such as maples, hickories, and oaks are more desirable than other tree species due to the increased cover that the loose bark provides. Large trees with cavities are also utilized by this species. Forested areas of Connecticut's coastal towns may also serve as important migratory habitat for red bats. Numbers of bats utilizing these areas can increase dramatically as bats from other northeast locations pass through Connecticut during spring and autumn migration.

The following activities will benefit bats:

- Preserve natural roosting resources (safety permitting) including snags, trees with cavities, cracks or crevices, trees with exfoliating bark (e.g. shagbark hickory), coniferous trees (e.g. tamarack, hemlock, white pine) as well as preserving talus slopes
- Identify and protect summer roosts in man-made structures, such as barns

- Provide artificial roost structures (i.e., bat houses) and promote their use in the surrounding community
- Minimize erosion and maintaining clean and open water resources free of siltation
- Protect native vegetation which promotes insect availability and diversity
- Avoid the use of pesticides that will affect their invertebrate food source
- Preserve open, edge of forest habitat corridors to allow bats to freely move among roosting, watering and foraging areas
- Limit interior and exterior night lighting. Lighting, temporary or permanent should not be directed towards suitable bat habitats. Security lighting should always be down-shielded to keep light within the boundaries of the site.

Eastern Box turtle

In Connecticut, these turtles are found in well-drained forest bottomlands and a matrix of open deciduous forests, early successional habitat, fields, gravel pits, and or powerlines. Turtles are dormant between November 1 and April 1 and hibernate in only a few inches from the surface in forested habitat.

Land disturbance activities that will crush adult turtles or unearth hibernating turtles or turtle nests need to consider local habitat features and apply fencing and/or time of year restrictions as appropriate. We recommend you consult with a herpetologist familiar with preferred habitats to assist you with proper techniques to ensure the best protection strategies are employed for your site.

For land disturbance that will occur in forested habitat you will need to take precautions to avoid crushing hibernating adults.

To minimize impacts to these state listed species:

Between May 1- August 31:

- Do not clear trees.

Between Sept 1-October 31:

- Ensure exclusionary fencing is installed and begin to clear trees incorporating protection measures for turtles below.
 - Exclusionary practices will be used to prevent any turtle access into disturbance areas. These measures will need to be installed at the limits of disturbance as shown on the plans.
 - Exclusionary fencing be at least 20 in tall and must be secured to and remain in contact with the ground and be regularly maintained (at least bi-weekly and after major weather events) to secure any gaps or openings at ground level that may let animal pass through.
 - All staging and storage areas, outside of previously paved locations, regardless of the duration of time they will be utilized, must be reviewed to remove individuals and exclude them from re-entry.
 - All construction personnel working within the turtle habitat must be apprised of the species description and the possible presence of a listed species.

- The Contractor search the work area each morning prior to any work being done.
- Any turtles encountered within the immediate work area shall be carefully moved to an adjacent area outside of the excluded area and fencing should be inspected to identify and remove access point. This animal is protected by law and should not be relocated off-site.
- In areas where silt fence is used for exclusion, it shall be removed as soon as the area is stable and disturbance is finished to allow for reptile and amphibian passage to resume.

Between November 1- April 31:

- Work including tree clearing/ground work may continue if area has been fenced and swept of turtles before October 15.

Natural Diversity Database 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 of Energy and Environmental Protection's Bureau of Natural Resources and cooperating units of DEEP, independent conservation groups, and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the NDDB should not be substituted 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 in the NDDB as it becomes available.

Please contact me if you have any questions (shannon.kearney@ct.gov). Thank you for consulting with the Natural Diversity Database and continuing to work with us to protect State-listed species.

Sincerely,

/s/ Shannon B. Kearney
Wildlife Biologist



April 19, 2022

To: Ms. Marena Wisniewski
DECD/SHPO
450 Columbus Boulevard, Suite 5
Hartford, CT 06103

Re: Proposed Wireless Telecommunications Facility Upgrades
CT283860
1837 Ponus Ridge Road
New Canaan, CT 06840

Determination of Effects for Proposed Telecommunications Facility Located at 1837 Ponus Ridge Road, New Canaan, Fairfield County, Connecticut

In accordance with the Federal Communications Commission (FCC) National Environmental Policy Act (NEPA) rules and Section 106 of the National Historic Preservation Act (NHPA), the above-referenced telecommunications project, proposed by Homeland Towers, LLC (Homeland), is being evaluated for its potential effects to districts, sites, buildings, structures, or objects significant in American history, architecture, archaeology, engineering, or culture that are listed, or potentially eligible for listing in the National Register of Historic Places (NRHP).

In accordance with the National Programmatic Agreement for Review of Effects on Historic Properties ("Nationwide Agreement"), please find the attached Submission Packet, FCC Form 620, which presents the details on the proposed project as well as efforts that have been taken to identify, assess, and make determination of effect on the impacts of the proposed project on Historic Properties. For this undertaking, Homeland Towers is proposing to construct a new communications facility at 1837 Ponus Ridge Road in New Canaan, CT. The proposed facility will be built on a 5.16-acre parcel of land east of the Laurel Reservoir. This parcel currently contains trees, a small stream extending from northeast to southwest that connects to the Laurel Reservoir, and a single-family residence located in the southern portion of the lot. The Facility will be located within the center of the wooded area and approximately 100 m (328 ft) to the north of the house.

Homeland Towers is proposing to construct a ± 110 -foot tall monopole tower designed as a faux conifer with branches extending to ± 115 feet above ground level, within a new ± 50 -foot by ± 75 -foot gravel based fenced equipment compound. An access drive and underground electrical and telephone service will extend from Ponus Ridge Road along an existing paved drive and new gravel drive. The facility will allow for additional municipal and commercial service providers.

File reviews of the National Register Database and the Connecticut State Historic Preservation Office files were conducted by Stacey Vairo, architectural historian and William Keegan, Historical Geographer & GIS Specialist, with Heritage Consultants, LLC, to identify Historic Properties within the .5-mile Area for Potential Effect (APE) for Visual and Direct Effects. Since ground disturbance is required for this project, a Preliminary

Archaeological Assessment completed by Heritage Consultants, LLC on January 21, 2022 and a Phase 1B Archaeological Assessment was completed by Heritage Consultants, LLC on April 8, 2022. No historic properties were found in the APE for Direct or Visual Effects.

In addition, a good faith effort was made to identify properties over fifty years of age in the area that may be eligible for inclusion in the National Register. The Isaac Jones House (1836, Greek Revival) at 45 Trinity Pass in Stamford is located within a 1-mile APE for Visual Effects. The proposed installation will not be visible from this resource. No additional properties were identified as a result of this review.

Sincerely,

A handwritten signature in cursive script that reads "Stacey Vairo". The ink is a light grey or blue color.

Stacey Vairo, Architectural Historian
Heritage Consultants, LLC

Notification Date:

File Number:

General Information

1) (Select only one) (NE) NE – New UA – Update of Application WD – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

Applicant Information

3) FCC Registration Number (FRN): 0021032776
4) Name: Homeland Towers, LLC (22112036)

Contact Name

5) First Name: Raymond	6) MI:	7) Last Name: Vergati	8) Suffix:
9) Title:			

Contact Information

10) P.O. Box:	And /Or	11) Street Address: 9 Harmony Street, 2nd Floor	
12) City: Danbury		13) State: CT	14) Zip Code: 06810
15) Telephone Number: (478)745-7740		16) Fax Number:	
17) E-mail Address: Sec106@DynamicEnvironmental.com			

Consultant Information

18) FCC Registration Number (FRN): 0021738141
19) Name: Stacey Vairo c/o All Points Technology Corp., P.C.

Principal Investigator

20) First Name: Stacey	21) MI:	22) Last Name: Vairo	23) Suffix:
24) Title: Architectural Historian			

Principal Investigator Contact Information

25) P.O. Box:	And /Or	26) Street Address: 567 Vauxhall Street Extension, Suite 311	
27) City: Waterford		28) State: CT	29) Zip Code: 06385
30) Telephone Number: (860)633-1697		31) Fax Number:	
32) E-mail Address: dleonardo@allpointstech.com			

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
34) Areas of Professional Qualification: () Archaeologist (<input checked="" type="checkbox"/>) Architectural Historian () Historian () Architect () Other (Specify) _____	

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
--	--

If "YES," complete the following:

36) First Name: William	37) MI:	38) Last Name: Keegan	39) Suffix:
40) Title: Geographer			
41) Areas of Professional Qualification: () Archaeologist () Architectural Historian () Historian () Architect (<input checked="" type="checkbox"/>) Other (Specify) Geographer _____			

Site Information

Tower Construction Notification System

1) TCNS Notification Number: **242831**

Site Information

2) Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: () Yes (**X**) No

3) Site Name: **CT283860**

4) Site Address: **1837 Ponus Ridge Road**

5) Detailed Description of Project:

Homeland is proposing to construct a 110 ft tall faux conifer monopole tower within a new 50X75 ft gravel based fenced equipment compound. An access drive and underground utilities will extend along existing pave drive and new gravel drive.

6) City: **New Canaan**

7) State: **CT**

8) Zip Code: **06840**

9) County/Borough/Parish: **FAIRFIELD**

10) Nearest Crossroads: **Ponus Ridge Rd and Dans Highway**

11) **NAD 83** Latitude (DD-MM-SS.S): **41-10-18.8** (**X**) N or () S

12) **NAD 83** Longitude (DD-MM-SS.S): **073-32-36.9** () E or (**X**) W

Tower Information

13) Tower height above ground level (include top-mounted attachments such as lightning rods): **35.1** () Feet (**X**) Meters

14) Tower Type (Select One):

() Guyed lattice tower

() Self-supporting lattice

(**X**) Monopole

() Other (Describe):

Project Status

15) Current Project Status (Select One):

(**X**) Construction has not yet commenced

() Construction has commenced, but is not completed

Construction commenced on: _____

() Construction has been completed

Construction commenced on: _____

Construction completed on: _____

Determination of Effect

14) Direct Effects (Select One):

- (☒) No Historic Properties in Area of Potential Effects (APE)
- (☐) No Effect on Historic Properties in APE
- (☐) No Adverse Effect on Historic Properties in APE
- (☐) Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

- (☒) No Historic Properties in Area of Potential Effects (APE)
- (☐) No Effect on Historic Properties in APE
- (☐) No Adverse Effect on Historic Properties in APE
- (☐) Adverse Effect on one or more Historic Properties in APE

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?		(<input checked="" type="checkbox"/>) <u>Yes</u> (<input type="checkbox"/>) <u>No</u>
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>242831</u>		Number of Tribes/NHOs: <u>8</u>
2b) Tribes/NHOs contacted through an alternate system:		Number of Tribes/NHOs: <u>0</u>

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Bad River Band of Lake Superior Tribe of Chippewa Indians

Contact Name

5) First Name: Edith	6) MI:	7) Last Name: Leoso	8) Suffix:
9) Title: THPO			

Dates & Response

10) Date Contacted <u>01/12/2022</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input type="checkbox"/>) Replied/Have Interest	
(<input type="checkbox"/>) Replied/Other	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Delaware Nation

Contact Name

5) First Name: Erin	6) MI:	7) Last Name: Paden	8) Suffix:
9) Title: Historic Preservation Director			

Dates & Response

10) Date Contacted <u>01/12/2022</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input type="checkbox"/>) Replied/Have Interest	
(<input type="checkbox"/>) Replied/Other	

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>242831</u> Number of Tribes/NHOs: <u>8</u>	
2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: <u>0</u>	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Delaware Tribe of Indians

Contact Name

5) First Name: Susan	6) MI:	7) Last Name: Bachor	8) Suffix:
9) Title: Deputy THPO, Archaeologist			

Dates & Response

10) Date Contacted <u>01/12/2022</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Lac du Flambeau Band of Lake Superior Chippewa Indians

Contact Name

5) First Name: Sarah	6) MI: E	7) Last Name: Thompson	8) Suffix:
9) Title: THPO			

Dates & Response

10) Date Contacted <u>01/12/2022</u>	11) Date Replied <u>01/12/2022</u>
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
(<input checked="" type="checkbox"/>) Replied/Other	

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?		(<input checked="" type="checkbox"/>) <u>Yes</u> (<input type="checkbox"/>) <u>No</u>
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>242831</u>		Number of Tribes/NHOs: <u>8</u>
2b) Tribes/NHOs contacted through an alternate system:		Number of Tribes/NHOs: <u>0</u>

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Mashantucket Pequot Tribe

Contact Name

5) First Name: Michael	6) MI: e	7) Last Name: Johnson	8) Suffix:
9) Title: Acting THPO			

Dates & Response

10) Date Contacted <u>01/12/2022</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input type="checkbox"/>) Replied/Have Interest	
(<input type="checkbox"/>) Replied/Other	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Mohegan Indian Tribe

Contact Name

5) First Name: James	6) MI:	7) Last Name: Quinn	8) Suffix:
9) Title: THPO			

Dates & Response

10) Date Contacted <u>01/13/2022</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input type="checkbox"/>) Replied/Have Interest	
(<input type="checkbox"/>) Replied/Other	

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?		(<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>242831</u>		Number of Tribes/NHOs: <u>8</u>
2b) Tribes/NHOs contacted through an alternate system:		Number of Tribes/NHOs: <u>0</u>

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Narragansett Indian Tribe

Contact Name

5) First Name: Sequahna	6) MI:	7) Last Name: Mars	8) Suffix:
9) Title: Program Manager			

Dates & Response

10) Date Contacted <u>01/13/2022</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin

Contact Name

5) First Name: Marvin	6) MI:	7) Last Name: DeFoe	8) Suffix:
9) Title: THPO			

Dates & Response

10) Date Contacted <u>01/12/2022</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Other Tribes/NHOs Contacted

Tribe/NHO Information

1) FCC Registration Number (FRN):
2) Name:

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	And /Or	9) Street Address:	
10) City:		11) State:	12) Zip Code:
13) Telephone Number:		14) Fax Number:	
15) E-mail Address:			
16) Preferred means of communication: () E-mail () Letter () Both			

Dates & Response

17) Date Contacted _____	18) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	() <u>Y</u> es (X) <u>N</u> o
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	() <u>Y</u> es (X) <u>N</u> o
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	() <u>Y</u> es (X) <u>N</u> o

Historic Property

4) Property Name:
5) SHPO Site Number:

Property Address

6) Street Address:		
7) City:	8) State:	9) Zip Code:
10) County/Borough/Parish:		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
12) Is this property eligible for listing on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
13) Is this property a National Historic Landmark?	() <u>Y</u> es () <u>N</u> o

14) Direct Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: First Selectman

Contact Name

3) First Name: Kevin	4) MI:	5) Last Name: Moynihan	6) Suffix:
7) Title: First Selectman			

Contact Information

8) P.O. Box:	And /Or	9) Street Address: Town Hall, 2nd Floor 77 Main Street	
10) City: New Canaan		11) State: CT	12) Zip Code: 06840
13) Telephone Number: (203)594-3000		14) Fax Number:	
15) E-mail Address: Kevin.moynihan@newcanaanct.gov			
16) Preferred means of communication: () E-mail (X) Letter () Both			

Dates & Response

17) Date Contacted 01/07/2022	18) Date Replied _____
(X) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Additional Information

19) Information on local government's role or interest (optional):
--

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: Chair, HDC

Contact Name

3) First Name: Thomas	4) MI:	5) Last Name: Nissley	6) Suffix:
7) Title: Chair			

Contact Information

8) P.O. Box:	And /Or	9) Street Address: 77 Main Street 77 Main Street	
10) City: New Canaan		11) State: CT	12) Zip Code: 06840
13) Telephone Number: (203)594-3013		14) Fax Number:	
15) E-mail Address: martin.skrelunas@newcanaanct.gov			
16) Preferred means of communication: () E-mail (X) Letter () Both			

Dates & Response

17) Date Contacted 01/07/2022	18) Date Replied _____
(X) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Additional Information

19) Information on local government's role or interest (optional):
--

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: Chair, Planning & Zoning Commission

Contact Name

3) First Name: John	4) MI: H	5) Last Name: Goodwin	6) Suffix:
7) Title: Planning & Zoning Commission			

Contact Information

8) P.O. Box:	And /Or	9) Street Address: 77 Main Street 77 Main Street	
10) City: New Canaan		11) State: CT	12) Zip Code: 06840
13) Telephone Number: (203)594-3013		14) Fax Number:	
15) E-mail Address: lynnbrooksavni@newcanaanct.gov			
16) Preferred means of communication: () E-mail (X) Letter () Both			

Dates & Response

17) Date Contacted 01/07/2022	18) Date Replied _____
(X) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Additional Information

19) Information on local government's role or interest (optional):
--

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: Chair, Historical Review Committee

Contact Name

3) First Name: Mark	4) MI:	5) Last Name: Markiewicz	6) Suffix:
7) Title: Chair, Historical Review Commission			

Contact Information

8) P.O. Box:	And /Or	9) Street Address: 77 Main Street 77 Main Street	
10) City: New Canaan		11) State: CT	12) Zip Code: 06840
13) Telephone Number: (203)594-3070		14) Fax Number:	
15) E-mail Address: martin.skrelunas@newcanaanct.gov			
16) Preferred means of communication: () E-mail (X) Letter () Both			

Dates & Response

17) Date Contacted 01/07/2022	18) Date Replied _____
(X) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Additional Information

19) Information on local government's role or interest (optional):
--

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):	
2) Name: Town Planner/Sr. Enforcement Officer	Co-Director of Land Use

Contact Name

3) First Name: Lynn	4) MI: H	5) Last Name: Brooks Avni	6) Suffix:
7) Title: Town Planner			

Contact Information

8) P.O. Box:	And /Or	9) Street Address: Town Hall, Lower Level 77 Main Street	
10) City: New Canaan		11) State: CT	12) Zip Code: 06840
13) Telephone Number: (203)594-3013		14) Fax Number:	
15) E-mail Address: lynnbrooksavni@newcanaanct.gov			
16) Preferred means of communication: () E-mail (X) Letter () Both			

Dates & Response

17) Date Contacted 01/07/2022	18) Date Replied _____
(X) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Additional Information

19) Information on local government's role or interest (optional):
--

Other Consulting Parties

Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	(<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>
--	---

Consulting Party

2) FCC Registration Number (FRN):
3) Name: New Canaan Museum & Historical Society

Contact Name

4) First Name: To Whom	5) MI:	6) Last Name: It May Concern	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box:	And /Or	10) Street Address: 13 Oenoke Ridge Road	
11) City: New Canaan		12) State: CT	13) Zip Code: 06840
14) Telephone Number: (203)966-1776		15) Fax Number:	
16) E-mail Address: info@nchistory.org			
17) Preferred means of communication: () E-mail (<input checked="" type="checkbox"/>) Letter () Both			

Dates & Response

18) Date Contacted 01/07/2022	19) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply () Replied/No Interest () Replied/Have Interest () Replied/Other	

Additional Information

20) Information on other consulting parties' role or interest (optional):

Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

SHPO/THPO

Name: _____

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: _____

SHPO/THPO Name: _____

SHPO/THPO Name: _____

Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.

Party Authorized to Sign

First Name:

MI:

Last Name:

Suffix:

Signature:

Date: _____

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

NEW TOWER SUBMISSION PACKET – FCC FORM 620

Attachment 1 – Consultant Information

Provide a current copy of the résumé or curriculum vitae for the Principal Investigator and any researcher or other person who contributed to, reviewed, or provided significant input into the research, analysis, writing or conclusions presented in this filing.

Current curriculum vitae or résumés are included within this attachment and are on file at the Connecticut State Historic Preservation Office for the Principal Investigator and any researcher or other person who contributed to, reviewed, or provided significant input into the research, analysis, writing or conclusions presented in this filing.

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840



STACEY S. VAIRO, M.A.
Architectural Historian

EDUCATION

Bachelor of Arts in Art History, University of Connecticut, Storrs, Connecticut, 1996.
Conservation of Historic Buildings, Boston University, Spring, 1996.
Master of Arts in Historic Preservation, Savannah College of Art and Design, Savannah, Georgia, 2000.

ACADEMIC AWARDS

Sigma Pi Kappa (Preservation Honors Society).

PROFESSIONAL EXPERIENCE

Architectural Historian, Heritage Consultants, LLC, June 2014-Present.
Deputy State Historic Preservation Officer/State and National Register Coordinator,
Connecticut State Historic Preservation Office, January 2008-June 2014.
Senior Planner, Fitzgerald & Halliday, Inc., September 2002-January 2008.
Owner/Principal Researcher, Scheller Preservation Associates, January 2001-January 2008.
Assistant to the Town Planner, Town of Woodbury, CT, January 2001-August 2001.

SPECIAL SKILLS

Architectural resource survey
Determinations of eligibility and preparation of nomination forms
Section 106 review and compliance
State Level Documentations
Adaptive Reuse Studies
Popular Histories

PROJECT EXPERIENCE

With over fifteen years of experience, I have completed and reviewed hundreds of architectural resource surveys, building documentations, State and National Register applications and Section 106 reviews in over ten states.



WILLIAM F. KEEGAN, B.A.
HISTORICAL GEOGRAPHER & GIS SPECIALIST

EDUCATION

Bachelor of Arts in Anthropology and Geography, University of Connecticut, Storrs, 1996
Master of Arts Candidate in Geography, University of Connecticut, Storrs (all but thesis)
Certificate in Geographic Information Systems, University of Connecticut, Storrs (application pending)

PROFESSIONAL EXPERIENCE

Partner, Heritage Consultants, LLC, February 2004 - Present
Partner, Keegans Associates, LLC, April 1997 - April 2004
Teaching Assistant, Department of Geography, University of Connecticut, Storrs, 2000-2001

PROFESSIONAL MEMBERSHIPS

Archeological Society of Connecticut
Northeast Arc Users Group
Council for Northeastern Historic Archaeology

SPECIAL SKILLS

Geographic Information Systems
Cartography
Archival, Cartographic, and Historical Research

PROJECT EXPERIENCE

I have completed hundreds of cultural resources investigations across Connecticut during my 17 years of cultural resources management experience, many of which were in the Town of Waterford.

NEW TOWER SUBMISSION PACKET – FCC FORM 620

Attachment 2 – Site Information – Photographs

You are required to provide photographs and maps as part of this filing. Additional site information can be provided in an optional attachment.

Photograph Requirements:

Except in cases where no Historic Properties were identified within the Areas of Potential Effects, submit photographs as described below. Photographs should be in color, marked so as to identify the project, keyed to the relevant map or text, and dated; the focal length of the lens and the height of the camera should be noted.

The source of any photograph included but not taken by the Applicant or its consultant (including copies of historic images) should be identified on the photograph.

- 1. Photographs taken from the tower site should show views from the proposed location in all directions. The direction (e.g., north, south, etc.) should be indicated on each photograph, and, as a group, the photographs should present a complete (360 degree) view of the area around the communications tower or non-tower structure.*
- 2. Photographs of all listed and eligible properties within the Areas of Potential Effects.*
- 3. If any listed or eligible properties are visible from the proposed tower site, photographs looking at the site from each historic property. The approximate distance in feet (meters) between the site and the historic property should be included. If any listed or eligible properties are within the APE, photos looking at each historic property should be included.*

Include aerial photos of the APE for visual effects, if available. There are a variety of publicly available websites that provide aerial photographs.

Please see the attached images, which were gathered by Heritage Consultants, LLC for All-Points Technology Corp. PC from February-April 2022 unless otherwise noted. A photograph location map is included within this report.

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840



Photograph 1. Overview of the project area at 1837 Ponus Ridge Rd, New Canaan, CT, view southwest.



Photograph 2. Overview of the subject property, view east

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840



Photograph 3. Overview photo of the proposed access road facing west.



Photograph 4. Overview photo of the proposed access road facing south from the lease area.

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840



Photograph 5. Overview photo of the proposed access road entrance and the lease area facing west northeast from Ponus Road.



Photograph 6. Overview photo of lease area facing east.

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840



Photograph 7. Overview photo of lease area facing southeast.



Photograph 8. Overview photo of the stone wall that intersects the proposed access road facing east.

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840

NEW TOWER SUBMISSION PACKET – FCC FORM 620

Attachment 3 – Site Information – Map Requirements

Include one or more 7.5-minute quad USGS topographical maps that:

- a. Identify the Areas of Potential Effects for both Direct and Visual Effects. If a map is copied from the original, include a key with name of quad and date.*
- b. Show the location of the proposed collocation site and any new access roads or other easements including excavations.*
- c. Show the locations of each property listed.*
- d. Include keys for any symbols, colors, or other identifiers.*
- e. Submit color maps whenever possible.*

The following maps are attached to this report:

Figure 1 – Photograph Direction Map.

Figure 2 – Topographic and Site Map.

Figure 3 – Cultural Resources Screen: National/State.

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840

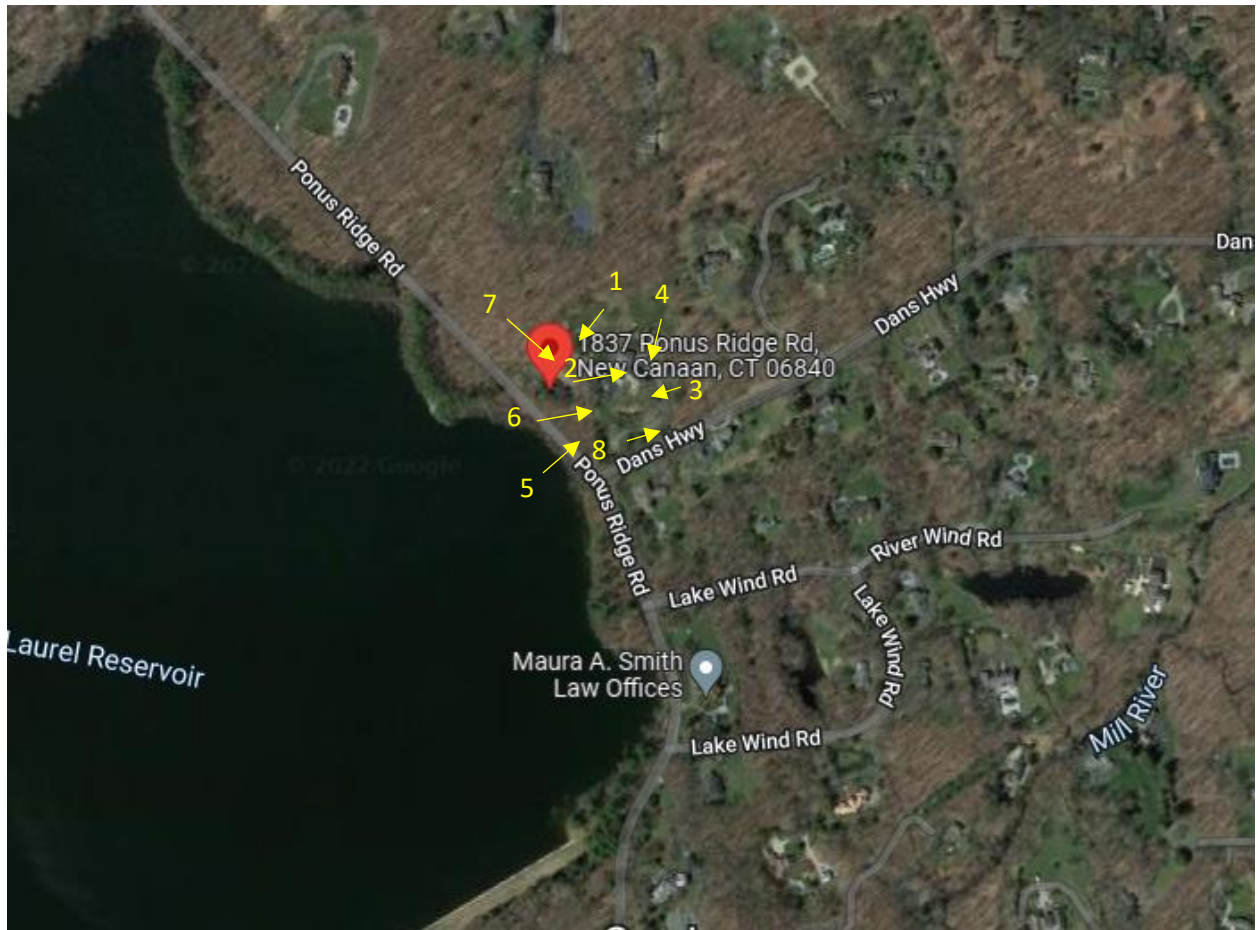
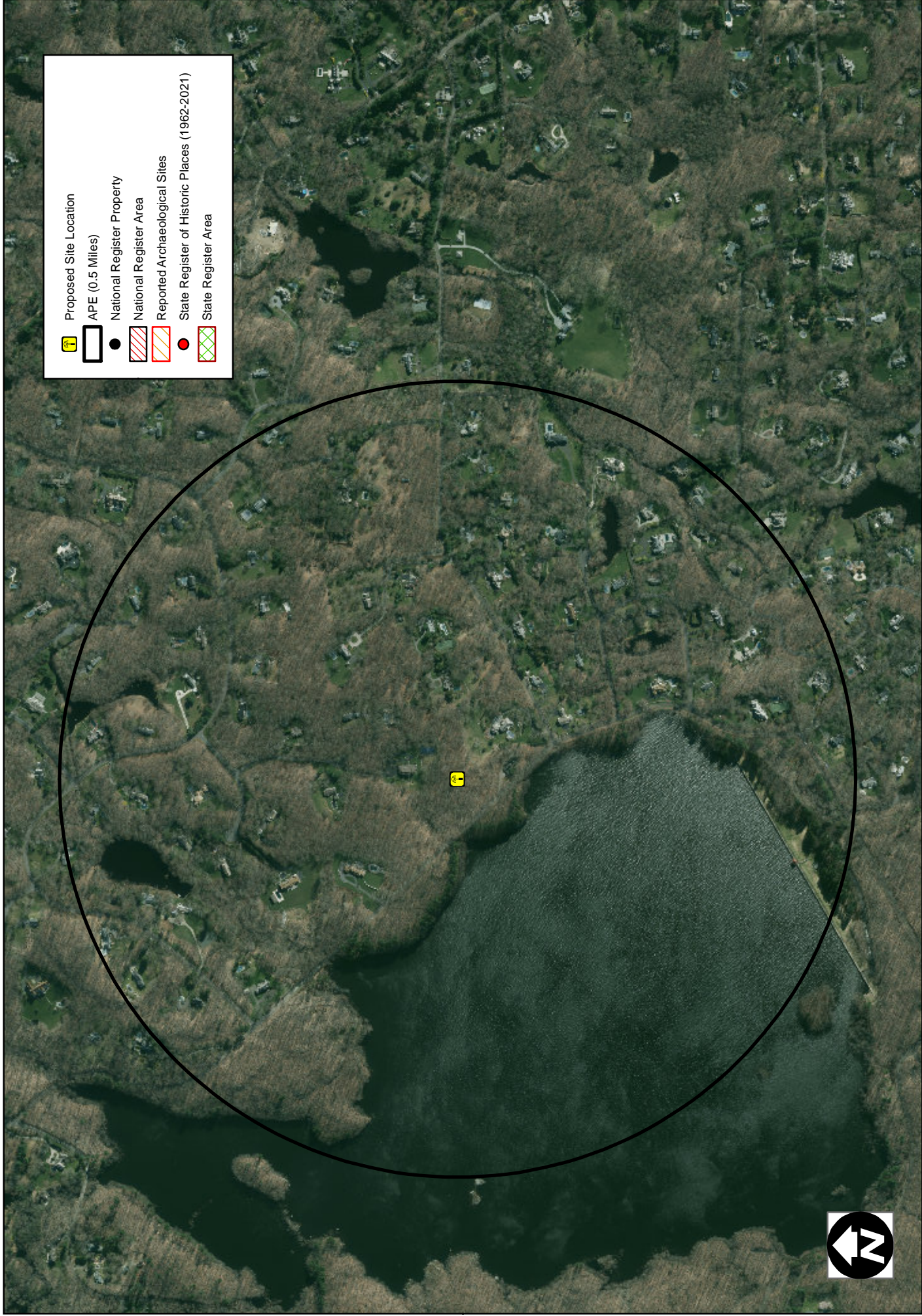


Figure 1. Photographic Direction Map.

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840



Cultural Resources Screen
CT283860 New Cannan Nw 1837 Ponus Ridge Road, New Cannan CT
December 3, 2021 \ USGS QUAD: Pound Ridge





ALL-POINTS
TECHNOLOGY CORPORATION



A horizontal scale bar with tick marks at 1,000, 500, 0, and 1,000 feet. The word "Feet" is written at the right end.

NEW TOWER SUBMISSION PACKET – FCC FORM 620

Attachment 4 – Site Information – Additional Site Information

Describe any additional structures, access roads, utility lines, fences, easements, or other construction planned for the site in conjunction with the proposed collocation and related facilities. Use this attachment to provide additional details needed to provide a full and accurate description of any structural alterations, additions, or other construction activities that will take place to complete the collocation.

Homeland Towers is proposing to construct a new communications facility at 1837 Ponus Ridge Road in New Canaan, CT. The proposed facility will be built on a 5.16-acre parcel of land east of the Laurel Reservoir. This parcel currently contains trees, a small stream extending from northeast to southwest that connects to the Laurel Reservoir, and a single-family residence located in the southern portion of the lot. The Facility will be located within the center of the wooded area and approximately 100 m (328 ft) to the north of the house.

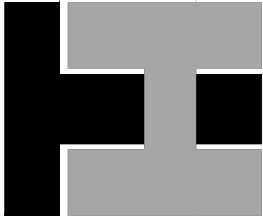
Homeland Towers is proposing to construct a ± 110 -foot tall monopole tower designed as a faux conifer with branches extending to ± 115 feet above ground level, within a new ± 50 -foot by ± 75 -foot gravel based fenced equipment compound. An access drive and underground electrical and telephone service will extend from Ponus Ridge Road along an existing paved drive and new gravel drive. The facility will allow for additional municipal and commercial service providers.

Site Plans provided by Homeland Towers are included in this attachment.

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840



HOMELAND TOWERS, LLC

WIRELESS TELECOMMUNICATIONS FACILITY

NEW CANAAN NORTHWEST

1837 PONUS RIDGE ROAD

NEW CANAAN, CT 06840



HOMELAND TOWERS, LLC
9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810
(203) 297-6345



340 MOUNT KEMBLE AVENUE
MORRISTOWN, NEW JERSEY 07960



ALL-POINTS
TECHNOLOGY CORPORATION
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PH: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

PERMITTING DOCUMENTS	
NO	DATE REVISION
0	12/07/21 FOR REVIEW: RCB
1	12/13/21 FOR REVIEW: RCB
2	
3	
4	
5	
6	
7	
8	

--

DESIGN PROFESSIONALS OF RECORD:
PROF: ROBERT C. BURNS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

DEVELOPER: HOMELAND TOWERS, LLC
ADDRESS: 9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810

--

HOMELAND TOWERS
NEW CANAAN NORTHWEST
SITE
ADDRESS: 1837 PONUS RIDGE ROAD
ADDRESS: NEW CANAAN, CT 06840
APT FILING NUMBER: CT283860

DATE: 12/07/21 DRAWN BY: CSH
CHECKED BY: RCB

--

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1

DRAWING INDEX

- T-1 TITLE SHEET
- EX-1 SITE SURVEY
- EX-2 TREE SURVEY TABLE
- SP-1 SITE PLAN & ABUTTERS MAP
- SP-2 PARTIAL SITE PLAN
- CP-1 COMPOUND PLAN & TOWER ELEVATION
- C-1 SITE DETAILS
- C-2 SITE DETAILS
- C-3 EROSION CONTROL DETAILS
- C-4 AT&T EQUIPMENT PLAN & DETAILS

SITE INFORMATION

PROJECT LOCATION: 1837 PONUS RIDGE ROAD
NEW CANAAN, CT 06840

PROJECT DESCRIPTION: RAWLAND SITE W/ GROUND
EQUIPMENT WITHIN 3,000± SF
TELECOMMUNICATIONS
EQUIPMENT COMPOUND W/
PROP. 110'± AGL MONOPINE.

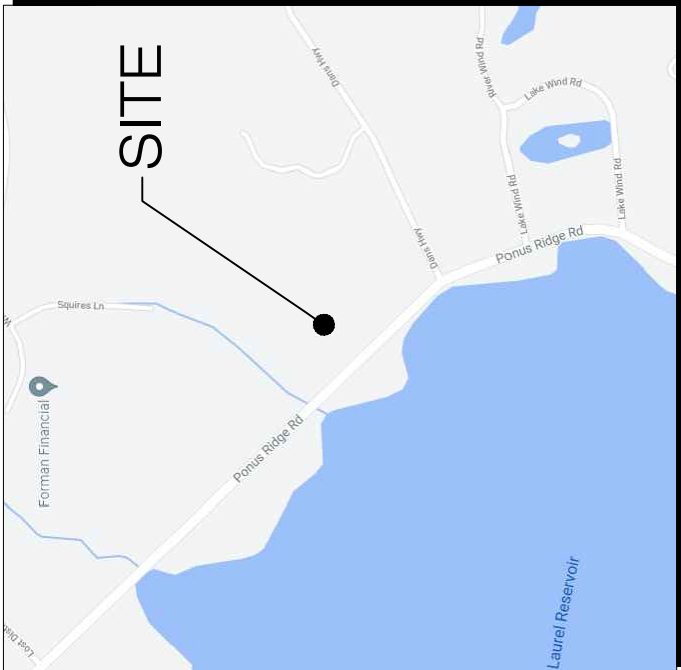
PROPERTY DEVELOPER: HOMELAND TOWERS, LLC
9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810

DEVELOPER CONTACT: RAY VERGATI
(203) 297-6345

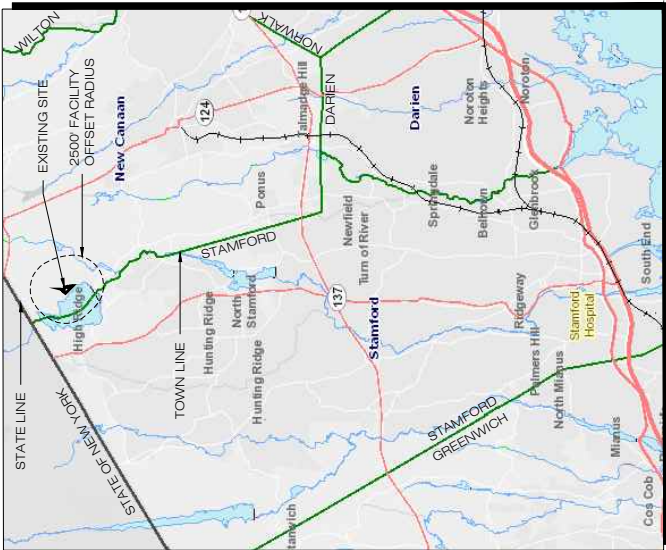
ENGINEER CONTACT: ROBERT C. BURNS, P.E.
(860) 552-2036

LATITUDE: 41° 10' 18.89"N (41.171914)
LONGITUDE: 73° 32' 36.90"W (-73.543583)
ELEVATION: 394'± AMSL

MAP: 23
BLOCK: 27
LOT: 57
ZONE: 4 ACRE RESIDENCE ZONE



VICINITY MAP
SCALE: 1" = 500'



MUNICIPAL NOTIFICATION LIMIT MAP
SCALE: 1" = 1.5 Miles

OWNER: 1837 LLC
C/O RUCCI LAW GROUP
19 OLD KINGS HIGHWAY SOUTH
DARIEN, CT 06820

APPLICANTS: HOMELAND TOWERS, LLC
9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810
RAY VERGATI
(203) 297-6345

AT&T
340 MOUNT KEMBLE AVE.
MORRISTOWN, NJ 07960

POWER PROVIDER: EVERSOURCE: (800) 286-2000

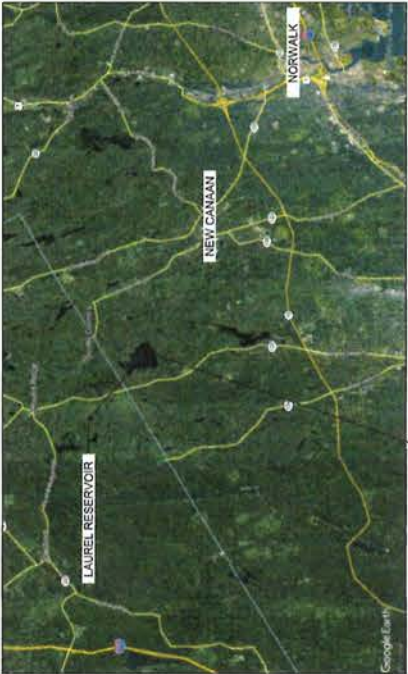
TELCO PROVIDER: FRONTIER (800) 921-8102

CALL BEFORE YOU DIG: (800) 922-4455

GOVERNING CODES: CONNECTICUT STATE BUILDING CODE, LATEST EDITION
NATIONAL ELECTRIC CODE, LATEST EDITION
TIA-222-H



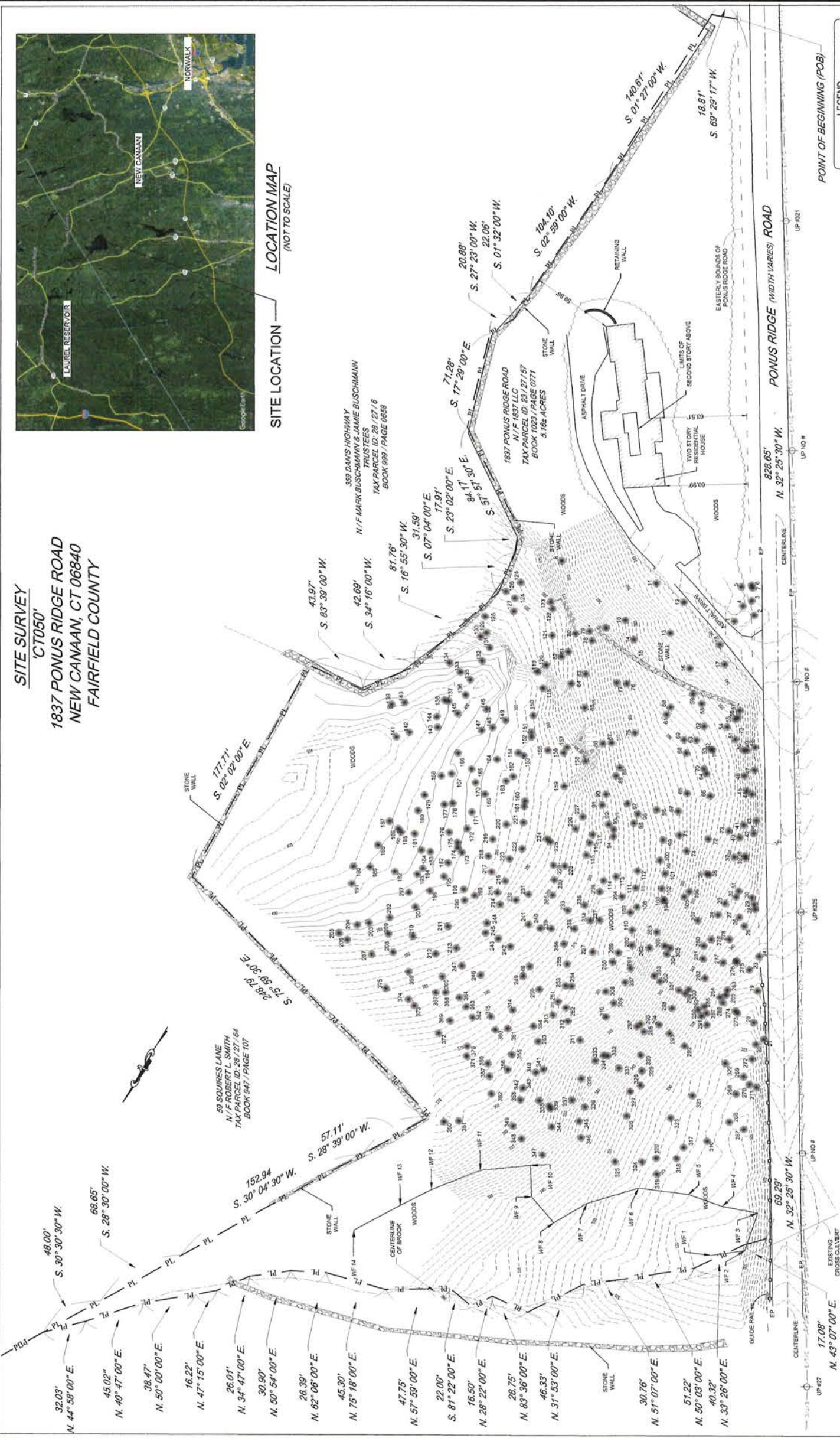
SITE SURVEY
CT050
1837 PONUS RIDGE ROAD
NEW CANAAN, CT 06840
FAIRFIELD COUNTY



SITE LOCATION
(NOT TO SCALE)

359 DAYS HIGHWAY
N/F MARK BUSCHMANN & JAMIE BUSCHMANN
TRUSTEES
TAX PARCEL ID: 28 / 27 / 6
BOOK 998 / PAGE 0658

59 SQUIRES LANE
N/F ROBERT L. SMITH
TAX PARCEL ID: 28 / 27 / 64
BOOK 547 / PAGE 107



- GENERAL NOTES:
- SUBSURFACE UTILITIES WERE NOT LOCATED OR SURVEYED BY NORTHEAST TOWER SURVEYING, INC. AS PART OF THIS SURVEY. PERSONS DEPENDING ON THIS DOCUMENT SHOULD CONTACT THE LOCAL UNDERGROUND UTILITY LOCATING AGENCY PRIOR TO COMMENCING ANY EARTH MOVING OPERATION OR OTHER NEW CONSTRUCTION ACTIVITIES OR CALL 811 OR 1-800-922-4455.
 - VERTICAL DATUM IS NAVD 1988 AND ESTABLISHED BY GPS OBSERVATIONS REFERENCED TO THE NGS COGS NETWORK. PERMANENT SITE CONTROL HAS BEEN ESTABLISHED ON SITE.
 - HORIZONTAL DATUM IS NAD 83. STATE PLANE COORDINATES OF CONNECTICUT AND ESTABLISHED GPS OBSERVATIONS REFERENCED TO THE NGS COGS NETWORK. DEED BEARINGS ARE SHOWN HEREON AND NOT RELATED TO CURRENT HORIZONTAL CONTROL.
 - SURVEY MAY BE SUBJECT TO EASEMENTS AND RIGHT-OF-WAYS OF RECORD, BOTH RECORDED AND UNRECORDED.
 - ONLY COPIES FROM THE ORIGINAL SURVEY MAP ENCLOSED WITH AN ORIGINAL OF THE LAND SURVEYOR'S STAMP AND SIGNATURE SHALL BE CONSIDERED TO BE TRUE AND VALID COPIES.
 - SURVEY NOT INTENDED FOR THE CONVEYANCE OF THE REAL PROPERTY. SURVEY ONLY PROVIDED IN CONJUNCTION WITH PLANNING, ZONING AND PERMITTING REQUIREMENTS. USE OF THIS SURVEY BY ANYONE OTHER THAN HOMELAND TOWER, LLC IS STRICTLY PROHIBITED.
 - PROPERTY LINES ESTABLISHED USING A COMBINATION OF EXISTING FIELD MONUMENTATION, PARENT PARCEL DEED AND OTHER RECORD DOCUMENTATION.
 - TOPOGRAPHIC FEATURES SHOWN HEREON ARE BASED UPON ACTUAL FIELD DATA COLLECTED ON APRIL 12-15, 2021.
 - ADDITIONAL BOUNDARY INFORMATION SHOWN HEREON IS BASED ON THE TOWN OF NEW CANAAN GIS DATA AS OF MAY 7, 2021 AND IS NOT INTENDED TO BE CONSIDERED AS A FIELD BOUNDARY SURVEY.
 - FOR REFERENCE, SEE MAP NUMBER 5246 FILED IN THE TOWN OF NEW CANAAN CLERK'S OFFICE AND IS ENTITLED "MAP SHOWING SUBDIVISION OF PROPERTY OWNED BY THE STAMFORD WATER COMPANY, NEW CANAAN, CONNECTICUT."

LEGEND	
MH	MANHOLE
GM	GAS METER
LP	LIGHT STAKE/POD
DS	DRAINAGE STRUCT
HYD	FIRE HYDRANT
ICV	VALVE / IRRIGATION
IP UNON.	EXISTING RIGID PIPE
UP	UTILITY POLE
PL	PROPERTY LINE
—	EASEMENT LINE
—	CENTERLINE
—	SUBLOT LINE
—	GUIDE RAIL
—	ROCK LINE
—	FENCE
—	TREE
—	EDGE OF WOODS
—	BRUSH LINE
—	OVERHEAD UTILITIES



POINT OF BEGINNING (POB)

PONUS RIDGE (WIDTH VARIES) ROAD

828.65' N. 32° 25' 30" W.

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UP NO. 10

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UP NO. 12

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UP NO. 274



HOMELAND TOWERS, LLC
9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810
(203) 297-6345



340 MOUNT KEMBLE AVENUE
MORRISTOWN, NEW JERSEY 07960



ALL-POINTS
TECHNOLOGY CORPORATION
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PH: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

PERMITTING DOCUMENTS

NO	DATE	REVISION
0	12/07/21	FOR REVIEW: RCB
1	12/13/21	FOR REVIEW: RCB
2		
3		
4		
5		
6		
7		
8		

DESIGN PROFESSIONALS OF RECORD:
PROF. ROBERT C. BURNS, P.E.
COMP: ALL-POINTS TECHNOLOGY
CORPORATION, P.C.
ADD: 567 VAUXHALL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

DEVELOPER: HOMELAND TOWERS, LLC
ADDRESS: 9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810

HOMELAND TOWERS
NEW CANAAN NORTHWEST

SITE
1837 PONUS RIDGE ROAD
ADDRESS: NEW CANAAN, CT 06840

APT FILING NUMBER: CT283860

DATE: 12/07/21 DRAWN BY: CSH

CHECKED BY: RCB

SHEET TITLE:

SITE PLAN &
ABUTTERS MAP

SHEET NUMBER:

SP-1

MAP REFERENCES:
"EX-1 SITE SURVEY, 1837 PONUS RIDGE ROAD, NEW CANAAN, CT 06840, FAIRFIELD COUNTY, 1 OF 1; PREPARED BY NORTHEAST TOWER SURVEYING, INC., 140 WEST MAPLEMEAD ROAD, WILLIAMSVILLE, NEW YORK 14221. LATEST REVISION DATED: 11/30/21.

MAP: 28, BLOCK: 27, LOT: 64
NF
ROBERT L. SMITH
MARGARET E. HULCE

294'± FROM TOWER TO
NEAREST RESIDENTIAL BUILDING
279'± FROM COMPOUND TO
NEAREST RESIDENTIAL BUILDING
144'± FROM TOWER TO PROPERTY LINE
122'± FROM COMPOUND TO PROPERTY LINE

MAP: 23, BLOCK: 27, LOT: 56
NF
SIMONE C. DEMOU

MAP: 28, BLOCK: 27, LOT: 6
359 DANS HIGHWAY
MARK BUSCHMANN TRUSTEE
JAMIE BUSCHMANN TRUSTEE

PROP. IRREGULARLY SHAPED (3,000± SF)
FENCED GRAVEL COMPOUND AREA
WITHIN 60X85 (6,100± SF) LEASE AREA
PROJECT LIMITS OF DISTURBANCE
(L.O.D.) = 40,000± SF (0.92± ACRES)
PROP. 110'± AGL MONOPINE

1
C-1
COMPOUND ACCESS FROM PONUS RIDGE RD.
ALONG EXISTING DRIVEWAY & PROPOSED
& GRAVEL ACCESS DRIVEWAY (APPROX. 500±')

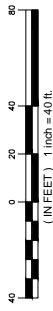
SUBJECT SITE
MAP: 23 BLOCK: 27 LOT: 57
NF
1837 PONUS RIDGE ROAD
C/O RUCCI LAW GROUP
19 OLD KINGS HIGHWAY SOUTH
DARIEN, CT 06820
ZONE: 4 ACRE RESIDENCE ZONE
5.16± ACRES

PROP. UNDERGROUND ELEC./TELECO SERVICE
FROM EXIST. DEMARCS (EXIST. UTIL. POLE)
TO PROP. COMPOUND (APPROX. 685±')

240'± FROM
COMPOUND TO
WETLANDS
357'± FROM TOWER TO PROPERTY LINE
337'± FROM COMPOUND TO PROPERTY LINE
137'± FROM ACCESS DRIVE TO WETLANDS




EXIST. WETLANDS DELINEATION BY
ALL-POINTS TECHNOLOGY CORP. (TYP.)

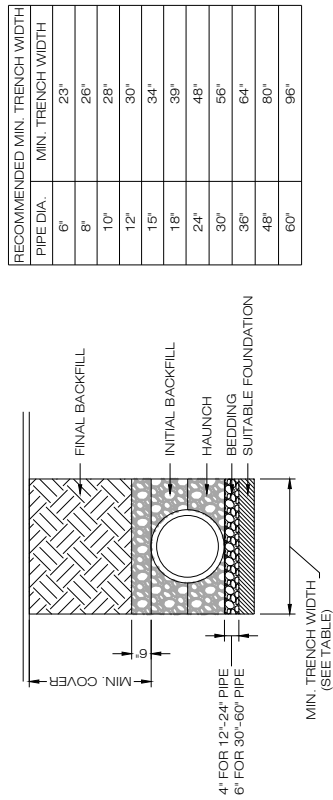
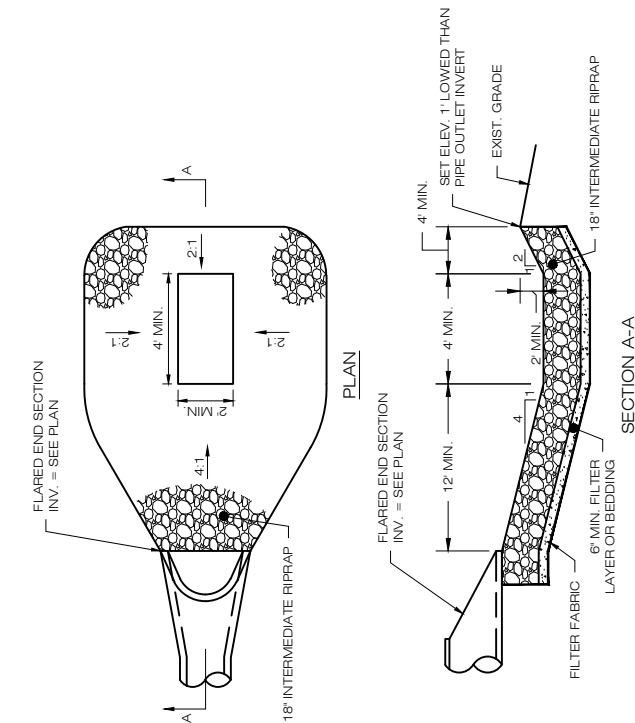
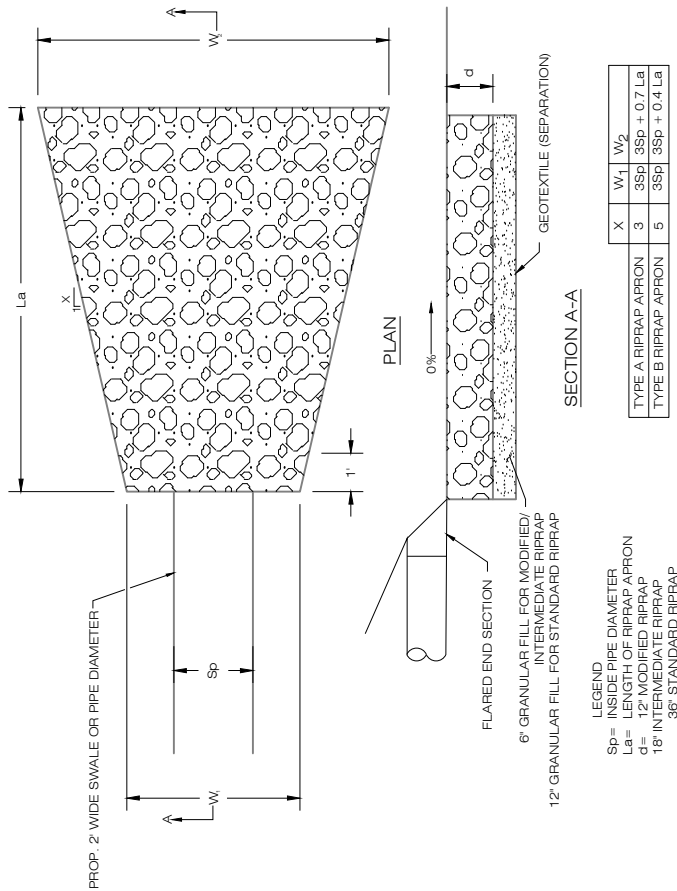
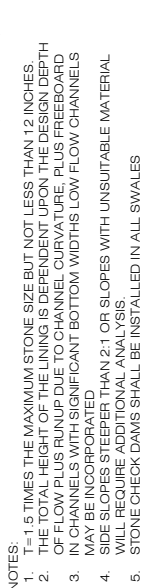
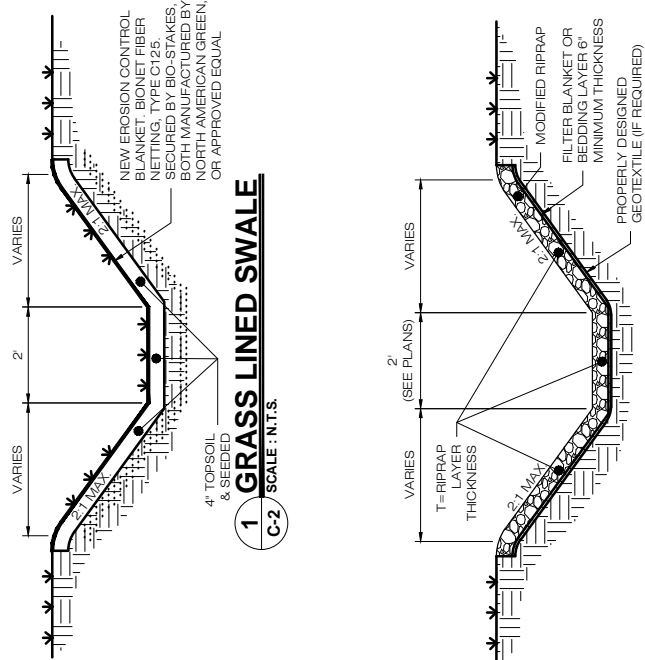
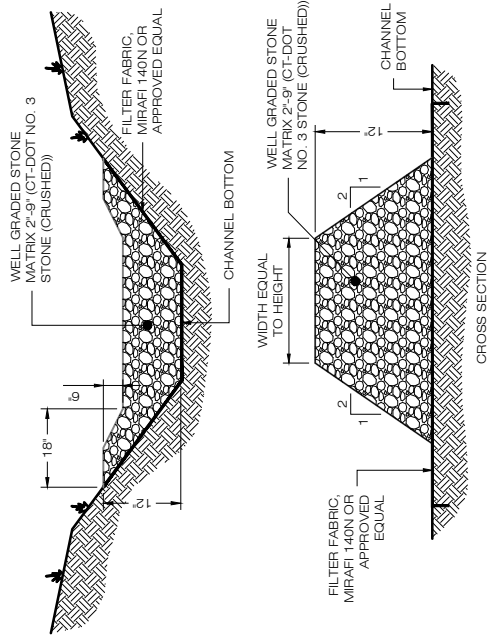
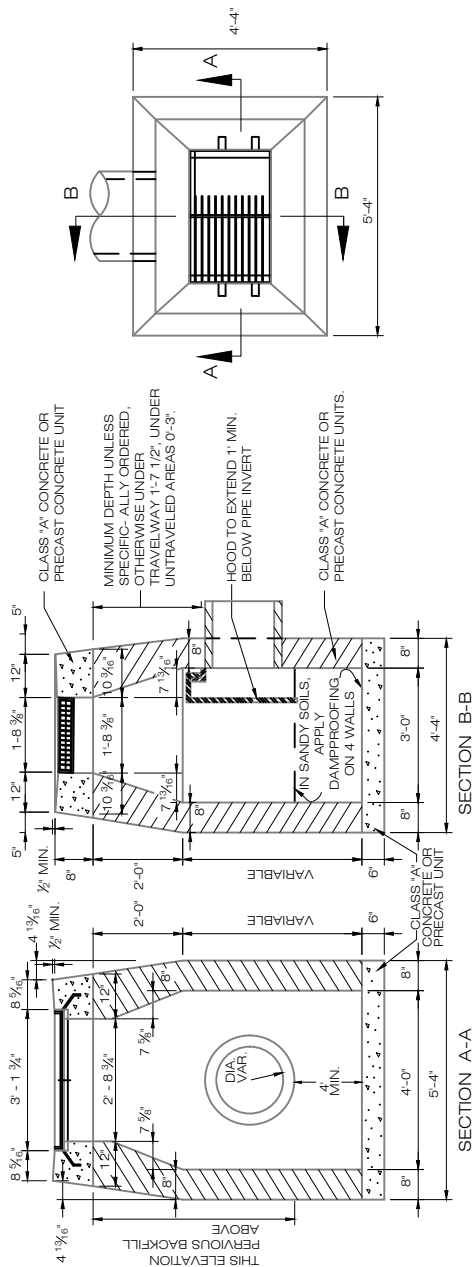
MAP: 23, BLOCK: 26, LOT: 2
NF
PONUS RIDGE
AQUARIUM WATER COMPANY
OF CONNECTICUT



1 SITE PLAN
SP-1 SCALE: 1" = 40'-0"

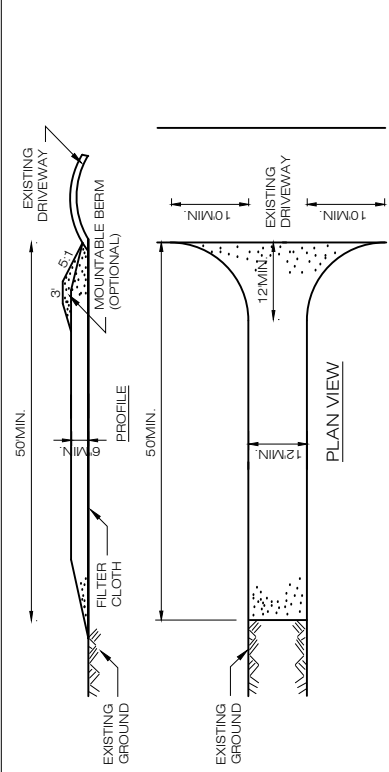


 <p>HOMELAND TOWERS, LLC 9 HARMONY STREET 2ND FLOOR DANBURY, CT 06810 (203) 297-6345</p>	 <p>340 MOUNT KEMBLE AVENUE MORRISTOWN, NEW JERSEY 07960</p>	 <p>ALL-POINTS TECHNOLOGY CORPORATION</p> <p>567 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06895 FAX: (860) 963-1687 WWW.ALLPOINTSCT.COM FAX: (860) 963-9335</p>	<p>PERMITTING DOCUMENTS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO</th> <th>DATE</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>12/07/21</td> <td>FOR REVIEW: RCB</td> </tr> <tr> <td>1</td> <td>12/13/21</td> <td>FOR REVIEW: RCB</td> </tr> <tr><td>2</td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td></tr> </tbody> </table>	NO	DATE	REVISION	0	12/07/21	FOR REVIEW: RCB	1	12/13/21	FOR REVIEW: RCB	2			3			4			5			6			7			8		
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<p>SHEET TITLE:</p> <p>SITE DETAILS</p>																																	
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1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS," LATEST EDITION. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
2. FOUNDATION, WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL PROVIDE ADEQUATE SUPPORT FOR THE PIPE. THE CONTRACTOR SHALL PROVIDE THE MATERIAL AS SPECIFIED BY THE ENGINEER AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
3. BEDDING, SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4' (100mm) for 4'-24" (100mm-600mm), 6" (150mm) for 30'-60" (730mm-900mm).
4. INITIAL BACKFILL, SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NO LESS THAN ABOVE THE TOP OF THE PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
5. MINIMUM COVER, MINIMUM COVER H₁ IN NON-TRAFFIC APPLICATIONS (GRASS OR

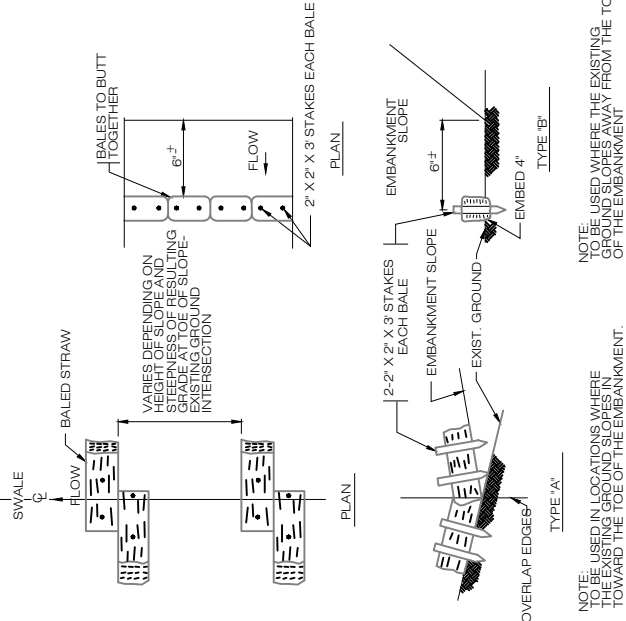




- CONSTRUCTION SPECIFICATIONS:**
1. STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
 2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
 3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
 4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
 5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

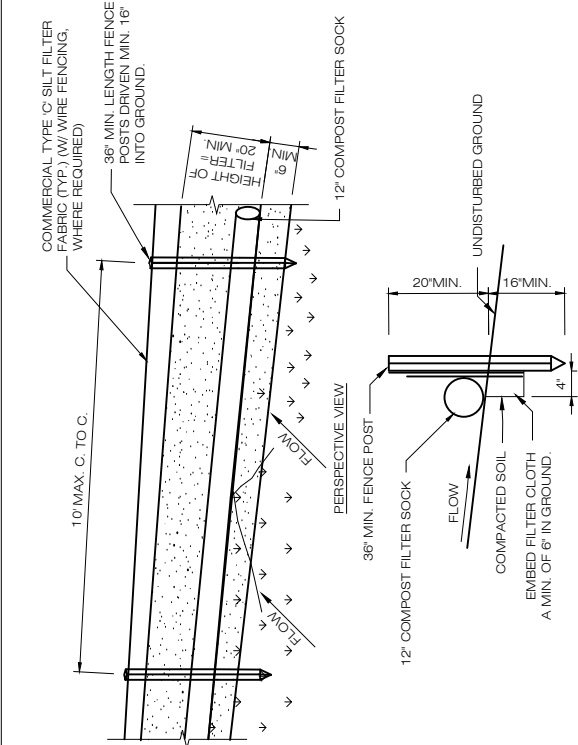
1 (CE) CONSTRUCTION ENTRANCE DETAIL

C-3 SCALE: N.T.S.



4 STRAW BALE CHECK DAM SEDIMENTATION CONTROL BARRIER

C-3 SCALE: N.T.S.



CONSTRUCTION SPECIFICATIONS

1. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA TT 40N, OR APPROVED EQUIVALENT.
3. PREFABRICATED UNITS SHALL BE GEOTAB, ENVIOFENCE, OR APPROVED EQUIVALENT.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

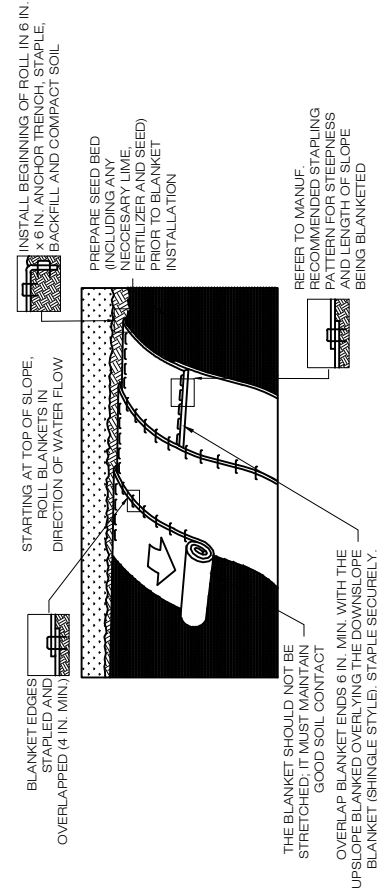
2 GEOTEXTILE SILT FENCE DETAIL

C-3 SCALE: N.T.S.

- SEQUENCE OF CONSTRUCTION**
1. PREPARE SLOPE BY INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECPs), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECPs IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12' OF RECPs EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECPs WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12' APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO THE COMPACTED SOIL AND FOLD THE REMAINING 12' PORTION OF RECPs BACK OVER THE SEED AND COMPACTED SOIL. SECURE RECPs OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12' APART ACROSS THE WIDTH OF THE RECPs. ROLL THE RECPs DOWN HORIZONTALLY ACROSS THE SLOPE. RECPs WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECPs MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
 3. THE RECPs OF PARALLEL RECPs MUST BE STAPLED WITH APPROXIMATELY 2' - 5' OVERLAP DEPENDING ON THE RECPs TYPE.
 4. CONSECUTIVE RECPs SPICED DOWN THE SLOPE MUST BE END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3' OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12' APART ACROSS ENTIRE RECPs WIDTH.

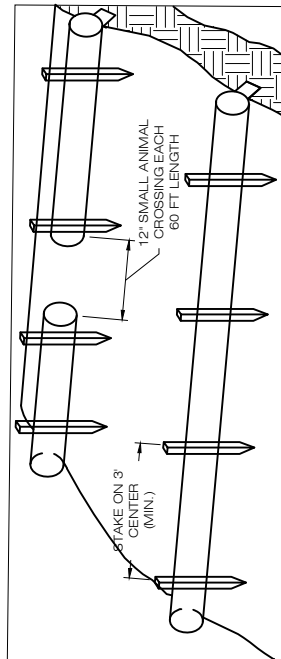
NOTES:

1. PROVIDE ANCHOR TRENCH AT TOE OF SLOPE IN SIMILAR FASHION AS AT TOP OF SLOPE.
2. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS, AND GRASS.
3. BLANKET SHALL HAVE GOOD CONTINUOUS CONTACT WITH UNDERLYING SOIL THROUGHOUT ENTIRE LENGTH. LAY BLANKET LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH SOIL. DO NOT STRETCH THE BLANKET.
4. THE BLANKET SHALL BE STAPLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
5. BLANKETED AREAS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT UNTIL PERENNIAL VEGETATION IS ESTABLISHED TO A MINIMUM UNIFORM 70% COVERAGE THROUGHOUT THE BLANKETED AREA. DAMAGED OR DISPLACED BLANKETS SHALL BE RESTORED OR REPLACED WITHIN 4 CALENDAR DAYS.



5 EROSION CONTROL BLANKET STEEP SLOPES

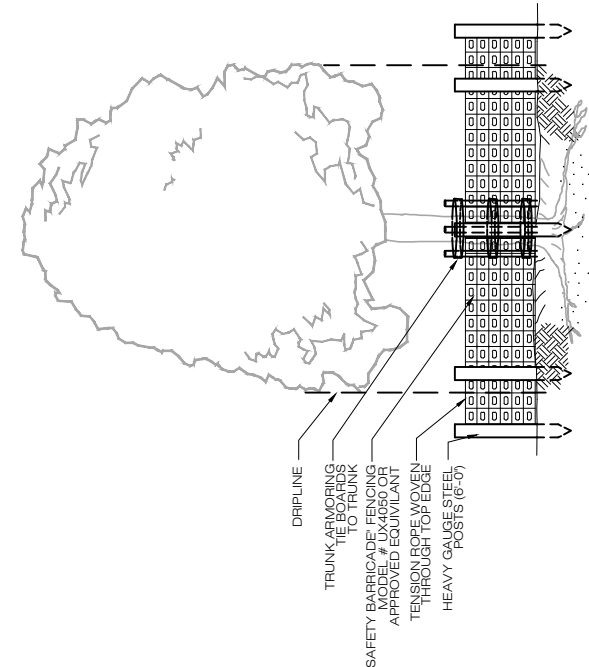
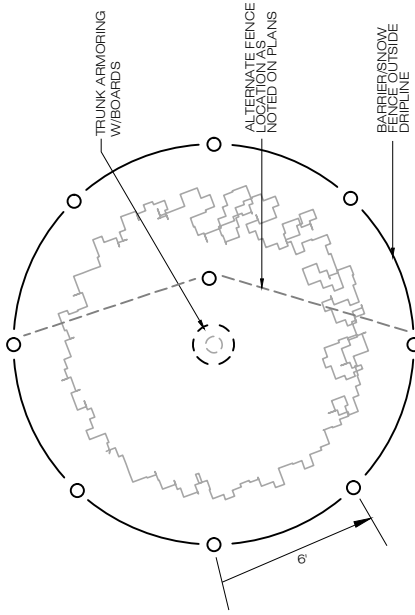
C-3 SCALE: N.T.S.



1. BEGIN AT THE LOCATION WHERE THE SOCK IS TO BE INSTALLED BY EXCAVATING A 2-3" (5-7.5 CM) DEEP X 9" (22.9 CM) TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UP SLOPE FROM THE ANCHOR TRENCH.
2. PLACE THE SOCK IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE SOCK ON THE UPHILL SIDE. SOCKS SHALL BE INSTALLED IN 60 FT. CONTINUOUS LENGTHS WITH ADJACENT SOCKS TIGHTLY ABUT. EVERY 60 FT THE SOCK ROW SHALL BE SPACED 12 INCHES CLEAR, END TO END, FOR AMPHIBIAN AND REPTILE TRAVEL. THE OPEN SPACES SHALL BE STAGGERED MID LENGTH OF THE NEXT DOWN GRADIENT SOCK.
3. SECURE THE SOCK WITH 18-24" (45.7-61 CM) STAKES EVERY 3-4' (0.9-1.2 M) AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE SOCK LEAVING AT LEAST 2-3" (5-7.5 CM) OF STAKE EXTENDING ABOVE THE SOCK. STAKES SHOULD BE DRIVEN PERPENDICULAR TO THE SLOPE FACE.




3 COMPOST FILTER SOCK SEDIMENTATION CONTROL BARRIER




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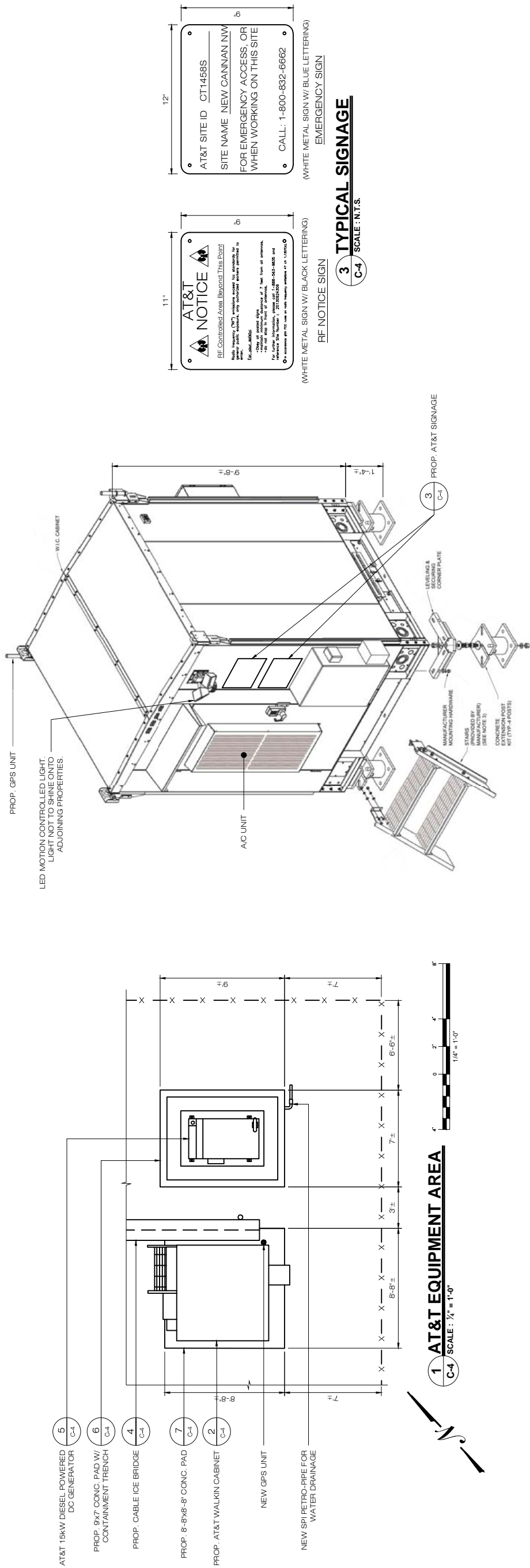


6 TREE PROTECTION

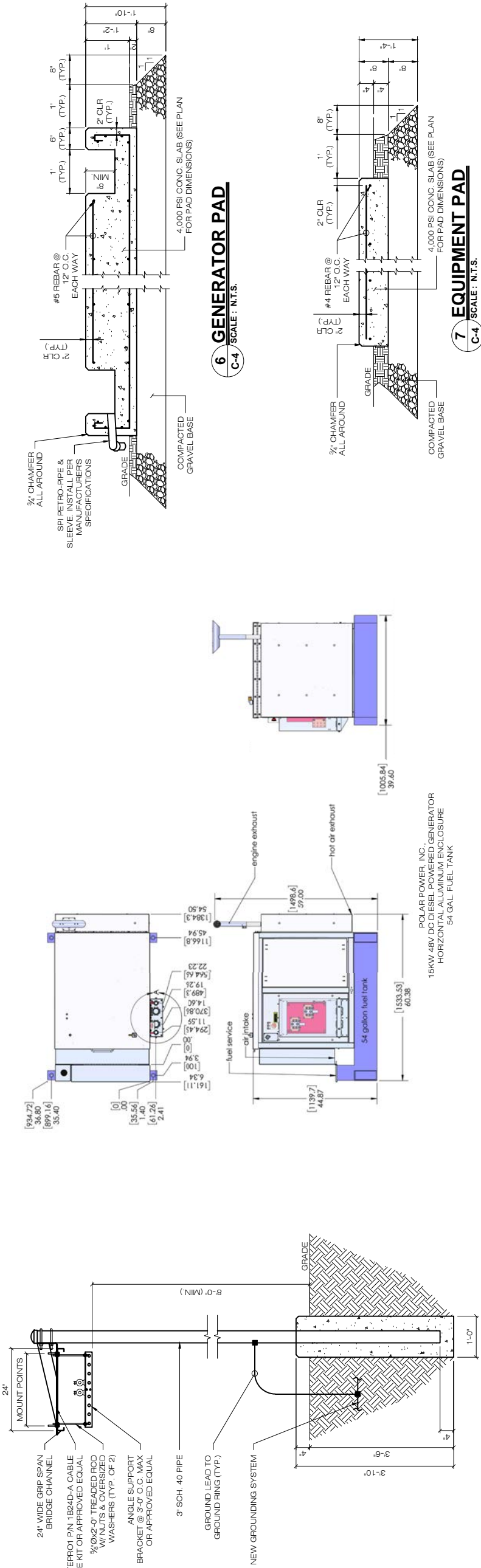
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DEVELOPER: HOMELAND TOWERS, LLC ADDRESS: 9 HARMONY STREET 2ND FLOOR DANBURY, CT 06810					
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2 AT&T SMARTMOD WALKIN CABINET



4 CABLE BRIDGE DETAIL

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6 GENERATOR PAD

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AT&T EQUIPMENT PLAN & DETAILS

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NEW TOWER SUBMISSION PACKET – FCC FORM 620

Attachment 5 – Determination of Effect Attachments

You are required to provide two attachments regarding the Determination of Effect: Areas of Potential Effect and Mitigation of Effect (if applicable).

Areas of Potential Effect Guidelines:

Direct Effects

a. Describe the APE for direct effects and explain how this APE was determined.

The APE for Direct Effects is limited to the area of potential ground disturbance and any property, or any portion thereof, that will be physically altered or destroyed by the construction of the proposed telecommunications facility.

No Historic Properties¹ previously listed or deemed eligible for the National Register of Historic Places were identified within the APE for Direct Effects. A Preliminary Archaeological Assessment completed by Heritage Consultants, LLC on November 3, 2021 is included in this report.

Visual Effects

b. Describe the APE for visual effects and explain how this APE was determined.

The APE for Visual Effects is the geographic area in which the Undertaking has the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character defining feature of a Historic Property that makes it eligible for listing on the National Register. The Nationwide Programmatic Agreement governing new tower construction indicates that, unless otherwise established through consultation with the SHPO/THPO, the presumed APE for visual effects relative to the construction of new facilities is a) 0.5-mile radius for towers 200 feet or less in overall height, b) 0.75-mile radius for towers greater than 200 but no more than 400 feet in overall height; or c) 1.5-mile radius for towers greater than 400 feet in overall height. Heritage Consultants, LLC determined that the APE for Visual Effects for this project is limited to an area within a .5-mile radius of the Project Area based on overall structure height of 125 feet.

No Historic Properties previously listed or deemed eligible for the National Register of Historic Places were identified within the APE for Visual Effects.

Mitigation of Effect Guidelines:

In the case where an Adverse Visual Effect or Adverse Direct Effect has been determined you must provide the following:

- 1. Copies of any correspondence and summaries of any oral communications with the SHPO/THPO and any consulting parties.*
- 2. As of the date of this report, there has been no correspondence with the SHPO/THPO.*

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840

Describe any alternatives that have been considered that might avoid, minimize, or mitigate any adverse effects. Explain the Applicant's conclusion regarding the feasibility of each alternative.

No negative effects are expected as a result of the proposed alterations to the existing facility; therefore, alternatives that might avoid, minimize, or mitigate any adverse effects need not be considered. As such, as of the date of this report, there has been no correspondence with the SHPO/THPO regarding mitigation of effect.

As of the date of this report, All-Points Technology has not received comments from Indian Tribes, NHOs, local governments, or members of the public that identify Historic Properties in the APE for Visual Effects.

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840



January 21, 2021

Mr. Brian Gaudet
Project Manager
All-Points Technology Corporation
567 Vauxhall Street Extension – Suite 311
Waterford, Connecticut 06385

**RE: Preliminary Archaeological Assessment of Proposed Wireless Telecommunications Facility
Located at 1837 Ponus Ridge Road in New Canaan, Connecticut**

Mr. Gaudet:

Heritage Consultants, LLC (Heritage), is pleased to have this opportunity to provide All-Points Technology Corporation (All-Points) with the following preliminary archaeological assessment of proposed wireless telecommunications facility (the Facility) located at 1837 Ponus Ridge Road in New Canaan, Connecticut (Figure 1). The scope of the proposed project consists of the development of 20 x 26 m (60 x 85 ft) lease area that will contain a diesel powered generator, a walk-in cabinet on a concrete pad, an ice bridge, and 33.5 m (110 ft) tall monopole, all of which will be surrounded by a chain link fence. The lease area will be accessed by a proposed road that connects to Ponus Ridge Road. The current project entailed completion of a cultural resources summary based on the examination of data obtained from the Connecticut State Historic Preservation Office (CT-SHPO), as well as GIS data, including historical mapping, aerial photographs, and topographic quadrangles, maintained by Heritage. This investigation is based upon project location information provided to by All-Points. The objectives of this study were to gather and present data regarding previously identified cultural resources situated within 0.8 km (0.5 mi) of the proposed project area and to investigate the proposed project parcel in terms of its natural and historical characteristics so that the need for completing additional cultural resources investigations could be evaluated.

The Facility will be built on an undeveloped parcel of land located at 1837 Ponus Ridge Road and adjacent to the Laurel Reservoir. This parcel currently contains trees, a small stream extending from northeast to southwest that connects to the Laurel Reservoir, and a single-family residence located in the southern portion of the lot. The proposed telecommunications facility will be located within the center of the wooded area and approximately 100 m (328 ft) to the north of the house (Figure 1).

A review of historical maps depicting the location of the Facility shows what the region looked like prior to the construction of the Laurel Reservoir. A few named properties (A. Waters, Captain Jones, and N. Slawson) appear on nineteenth century maps in the land that eventually was filled by the damming of the Rippowam River in the early twentieth century (Figures 2 and 3). By the mid to late nineteenth century, the transportation network in the region was relatively well established and served the local community and industries, including a mill to the north along the Rippowam River. The subject parcel, however, remained undeveloped during the mid to late nineteenth century and appeared to be open land, as both the 1858 and 1867 maps of the region depict the project parcel as unused (Figures 2 and 3).

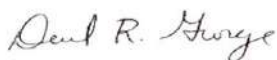
A review of the earliest available aerial image for depicting the project area, which dates from 1926, shows a large scale change between the late nineteenth century and the early 1920s (Figure 4). The 1926 aerial image shows the Laurel Reservoir to the southwest of Facility area and on the opposite site Ponus Ridge Road, which was depicted as open land in the nineteenth century mapping. The areas around the proposed Facility appear to be have been undeveloped open land as of 1926, as it was in the latter part of the previous century. The subsequent aerial images dating from 1934 through 1971, reveal a pattern of steady growth of residential properties in the vicinity of the Facility locations; however, the subject parcel remained generally unchanged and stone walls line the parcel bounds (Figure 5 through 8). The 1986 aerial photograph in Figure 9 shows that a single-family residence was constructed on the project parcel and more residences were erected in the surrounding area, notably a large residence to the east of the Facility area. The Facility location has remained largely unchanged from 1996 through present day; the 2019 aerial image shows the project location in its modern state (Figures 10 and 11). While the surrounding area experienced the damming of the Rippowam River, steady residential growth, and the construction of a single-family residence on the subject property in the last 150 years, the proposed Facility location has remained generally unchanged.

Background research for the current project also included a review of previously identified archaeological sites and National Register of Historic Places properties/districts sites within 0.8 km (0.5 mi) of the proposed telecommunications facility expansion (Figures 12 and 13). This review did not identify any previously recorded cultural resources are within 0.8 km (0.5 mi) of the project location. This is likely due to a lack of professional surveys rather than an absence of cultural resources.

In addition, soils located within the Facility area were examined as part of this review. It appears that lease area and access road are situated upon a Charlton and Chatfield soil complex, which consists of very deep, well-drained soils which formed in loamy melt-out till (See Figure 14). These soil types are well drained, where they possess slopes lower than eight percent and have not been disturbed, they are generally well correlated with prehistoric and historical site locations.

Pedestrian survey of the Facility area was completed by Heritage and a thorough walk-down of the proposed lease area and access road, as well as photo-documentation of both areas (Photos 1 through 5). The results of the pedestrian survey indicated that while some areas contain moderate slopes others contain relatively level topography and well drained soils that have not been disturbed significantly in the past. As a result, it appears that prion of the facility possess a moderate/high archaeological sensitivity, especially for prehistoric cultural deposits since the Facility was positioned not far from the course of the Rippowam River. It is the professional opinion of Heritage that Phase IB cultural resources reconnaissance survey of the Facility is recommended prior to construction. 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 me at 860-299-6328 or email me at dgeorge@heritage-consultants.com. We are at your service.

Sincerely,



David R. George, M.A., R.P.A.
Heritage Consultants, LLC

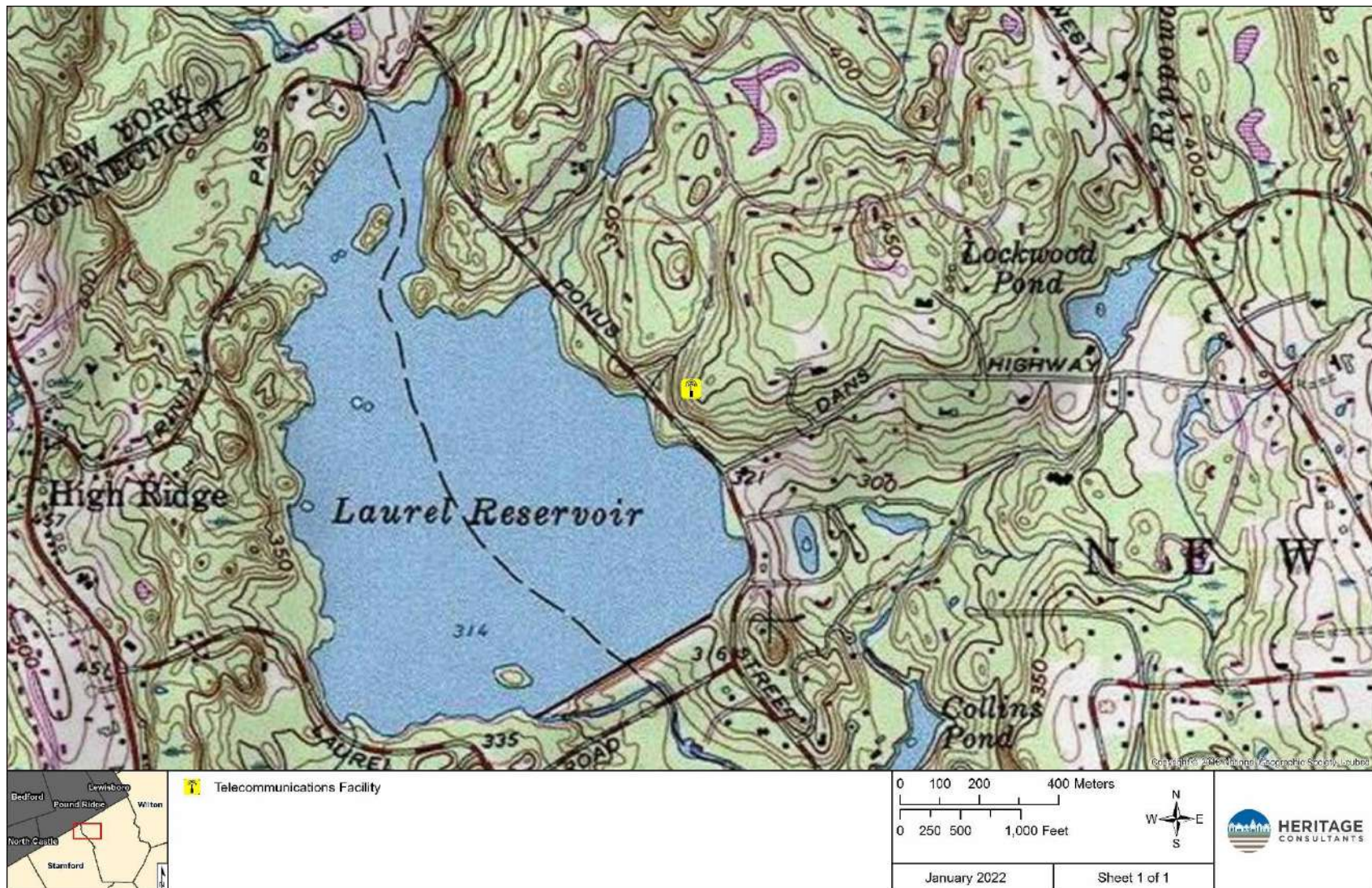


Figure 1. Excerpt from a USGS 7.5' series topographic quadrangle image showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

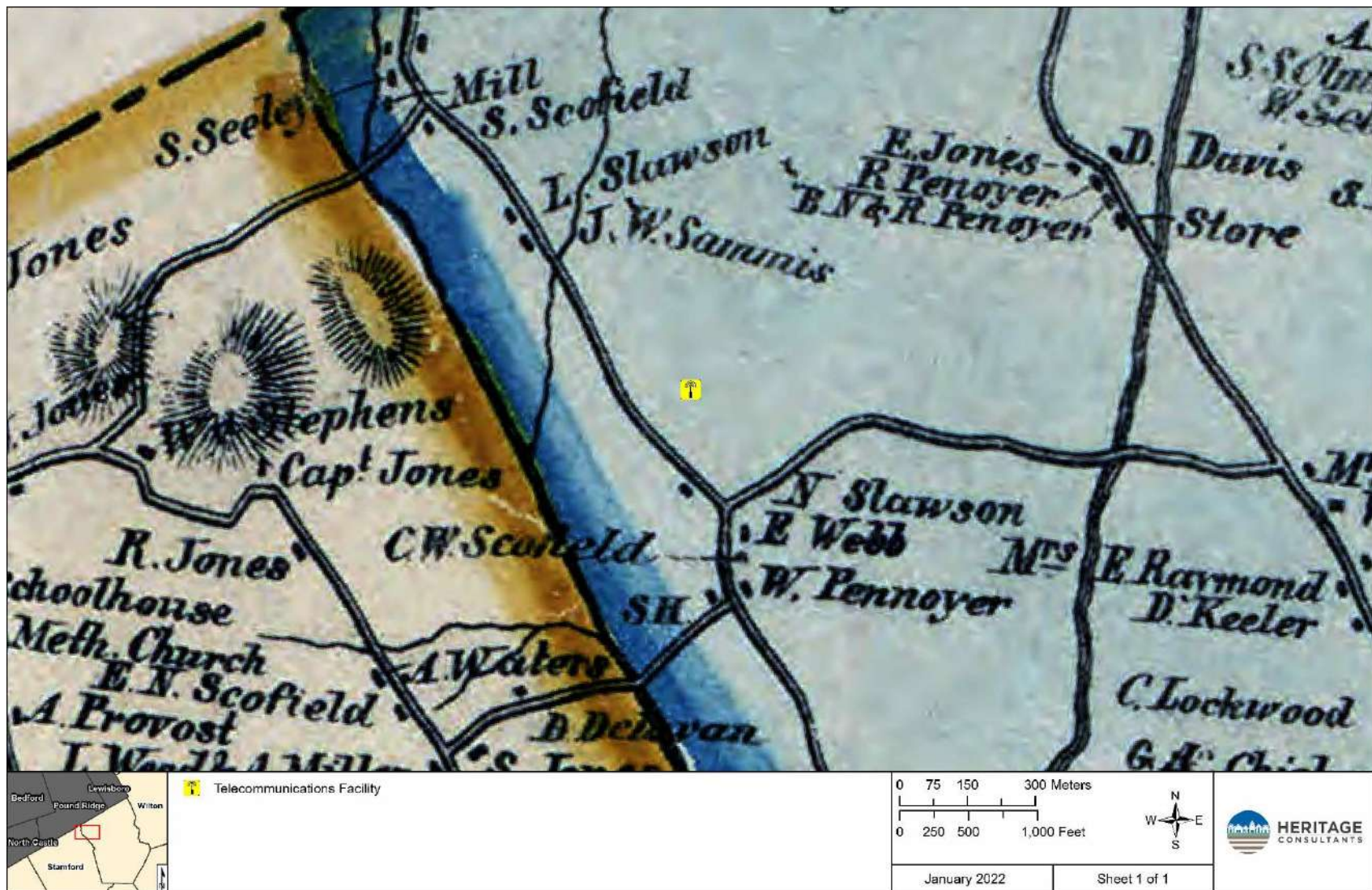


Figure 2. Excerpt from an 1858 historical map showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

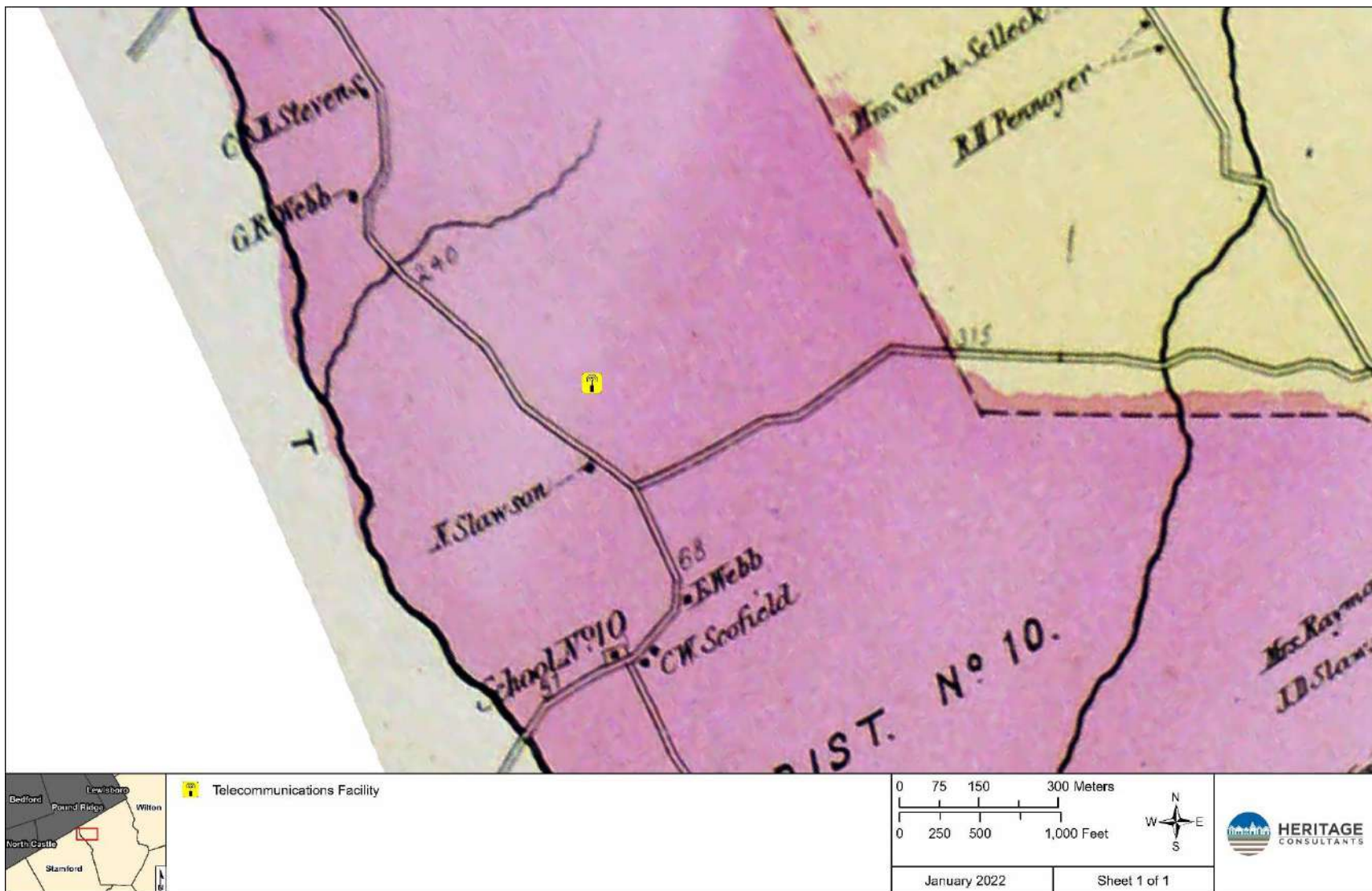


Figure 3. Excerpt from an 1867 historical map showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

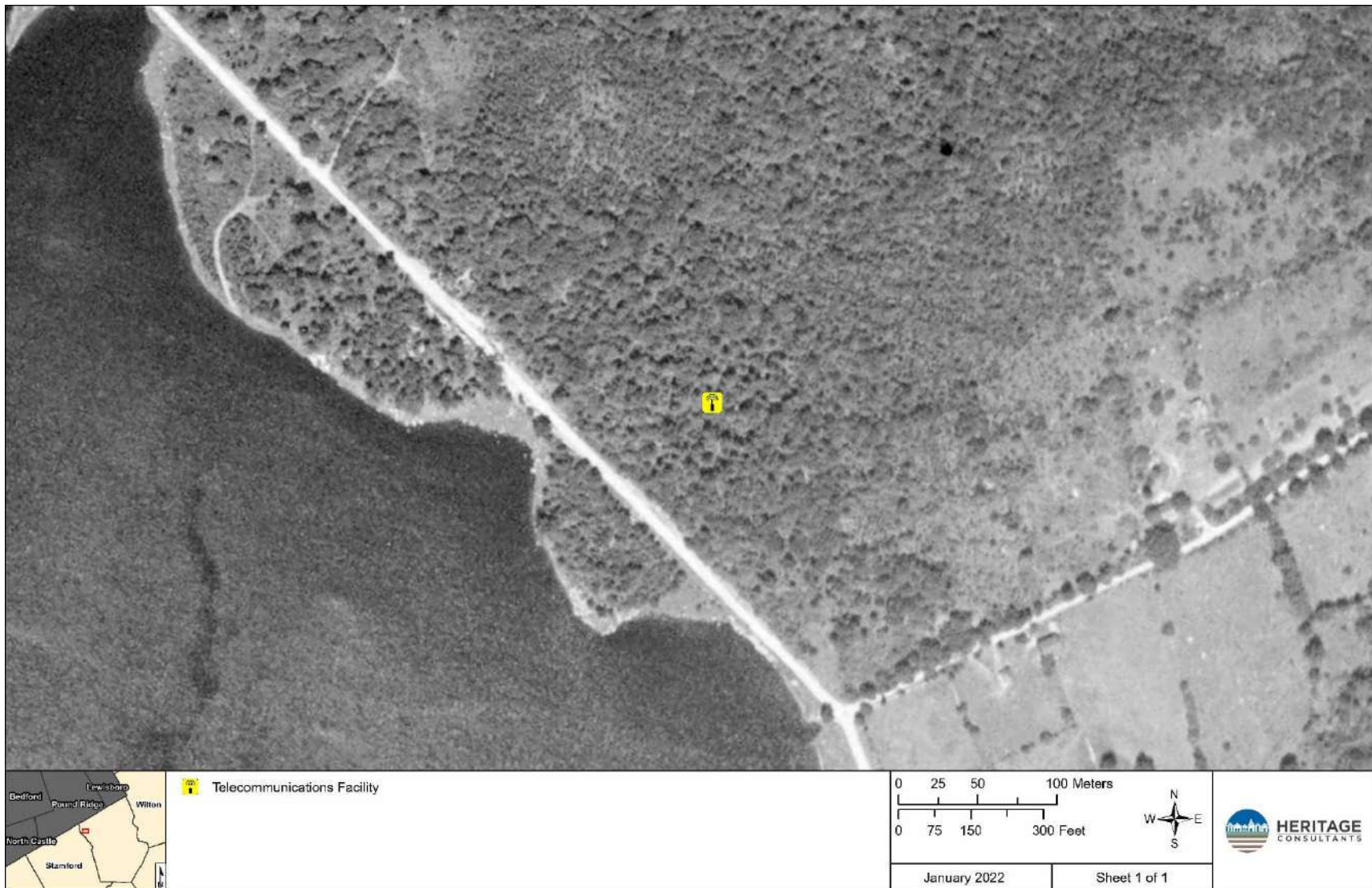


Figure 4. Excerpt from a 1926 aerial photograph showing the location of proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.



Figure 5. Excerpt from a 1934 aerial photograph showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.



Figure 6. Excerpt of a 1951 aerial photograph showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

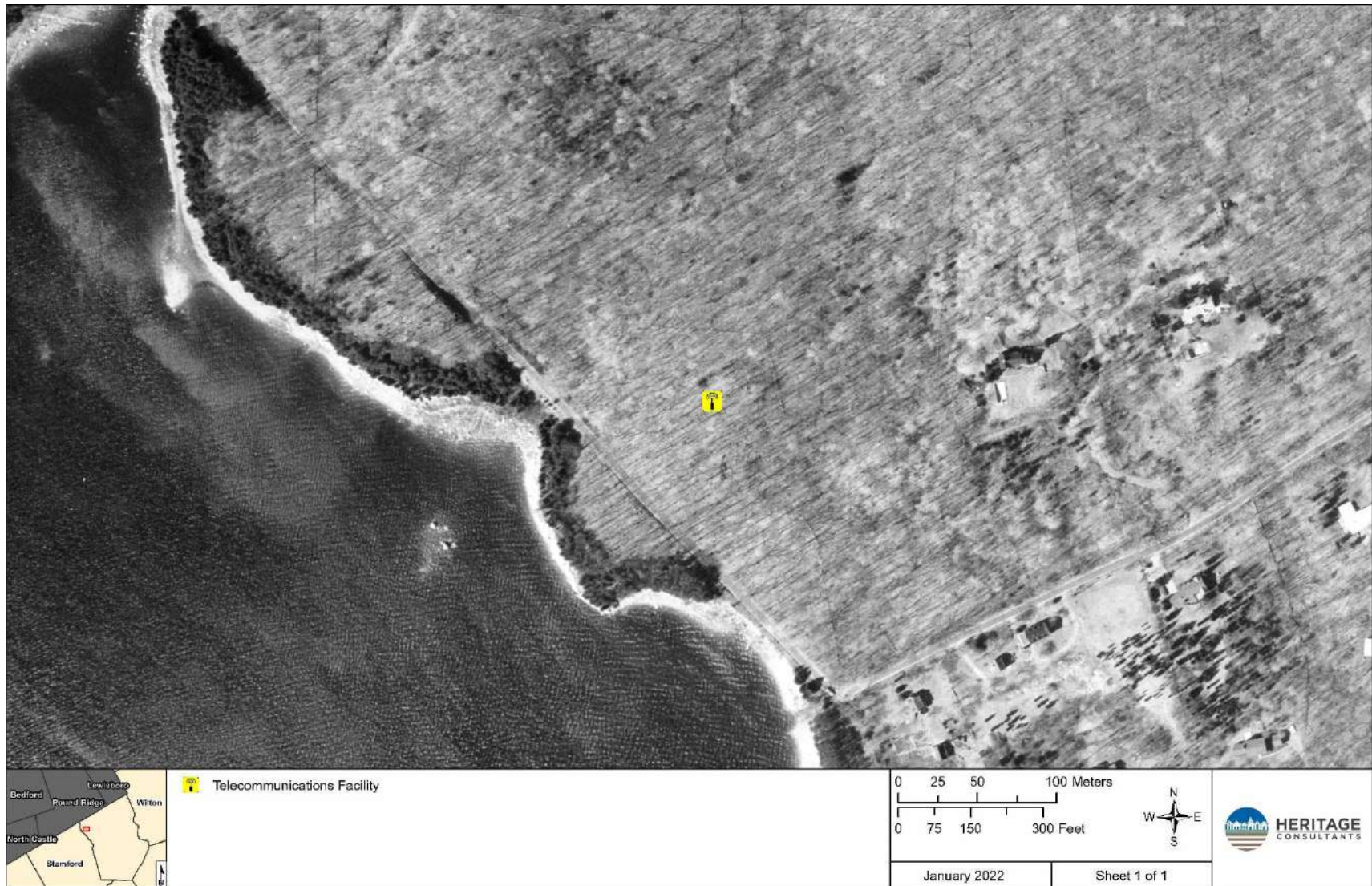


Figure 7. Excerpt from a 1965 aerial photograph showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.



Figure 8. Excerpt from a 1971 aerial photograph showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.



Figure 9. Excerpt from a 1986 aerial photograph showing the location of proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.



Figure 10. Excerpt from a 1996 aerial photograph showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.



Figure 11. Excerpt from a 2019 aerial image showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

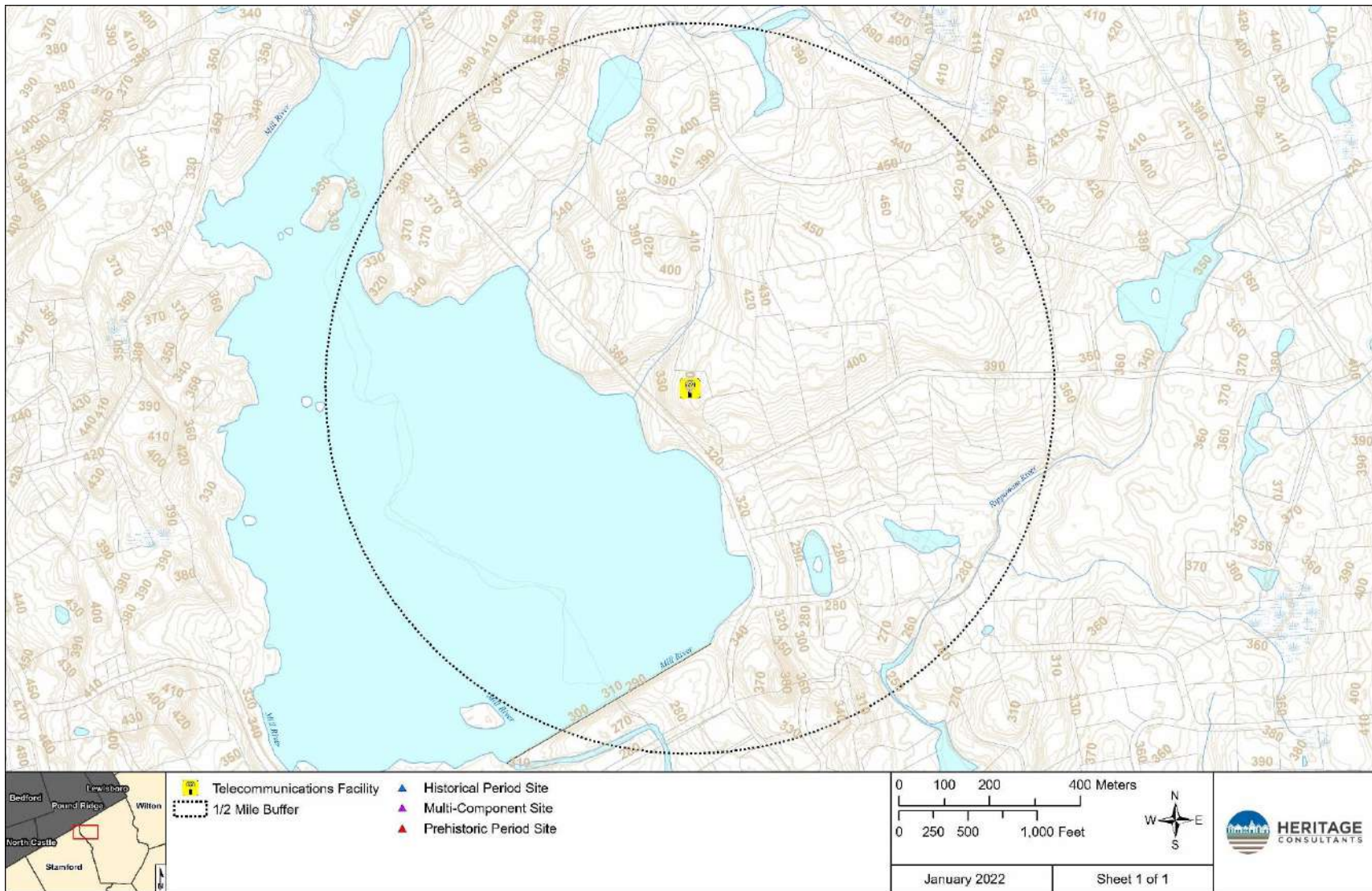


Figure 12. Digital map depicting the locations of the previously identified archaeological sites in the vicinity of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

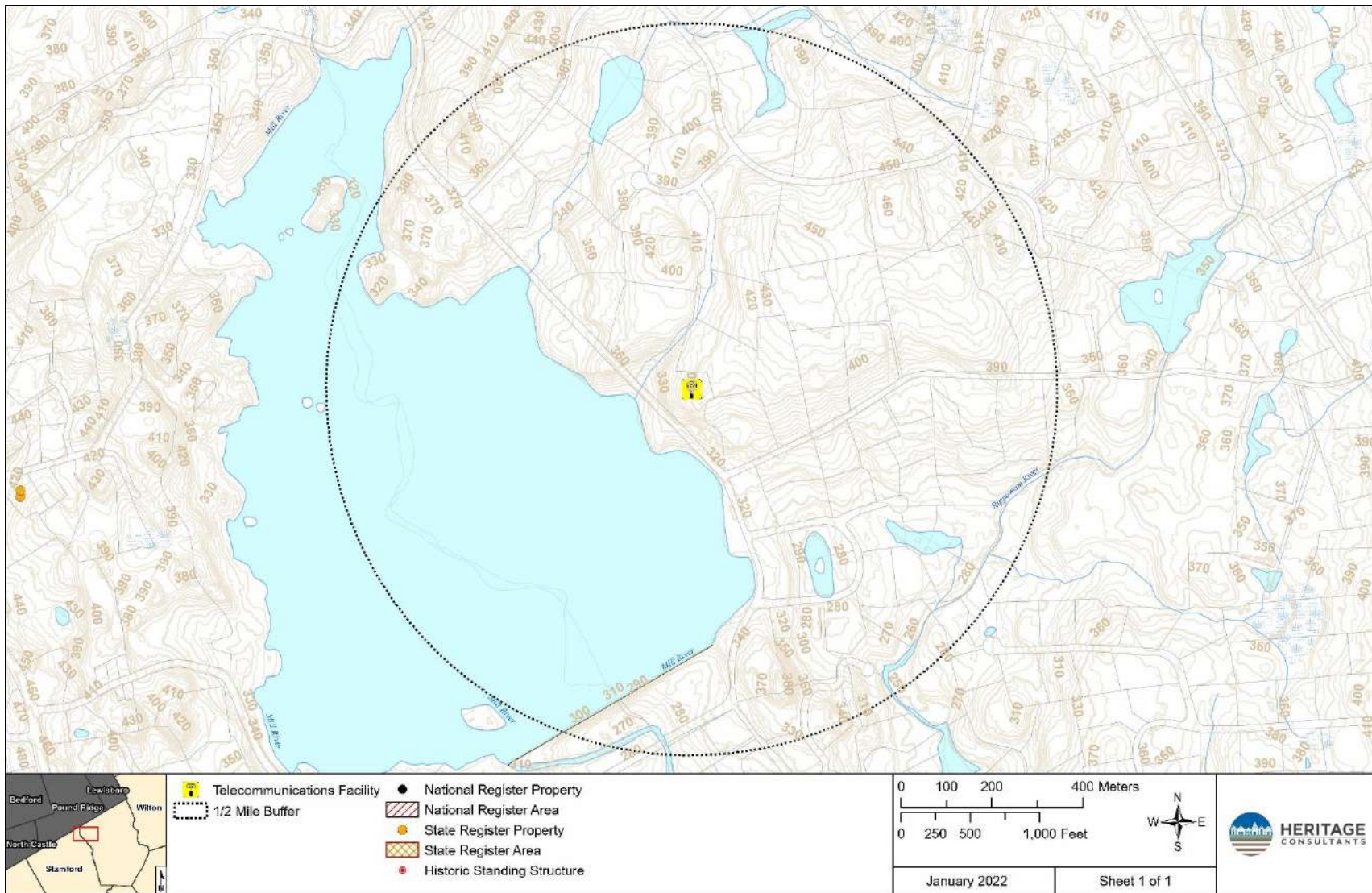


Figure 13. Digital map depicting the locations of the previously identified National Register of Historic Places and State Register of Historic Places properties in the vicinity of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

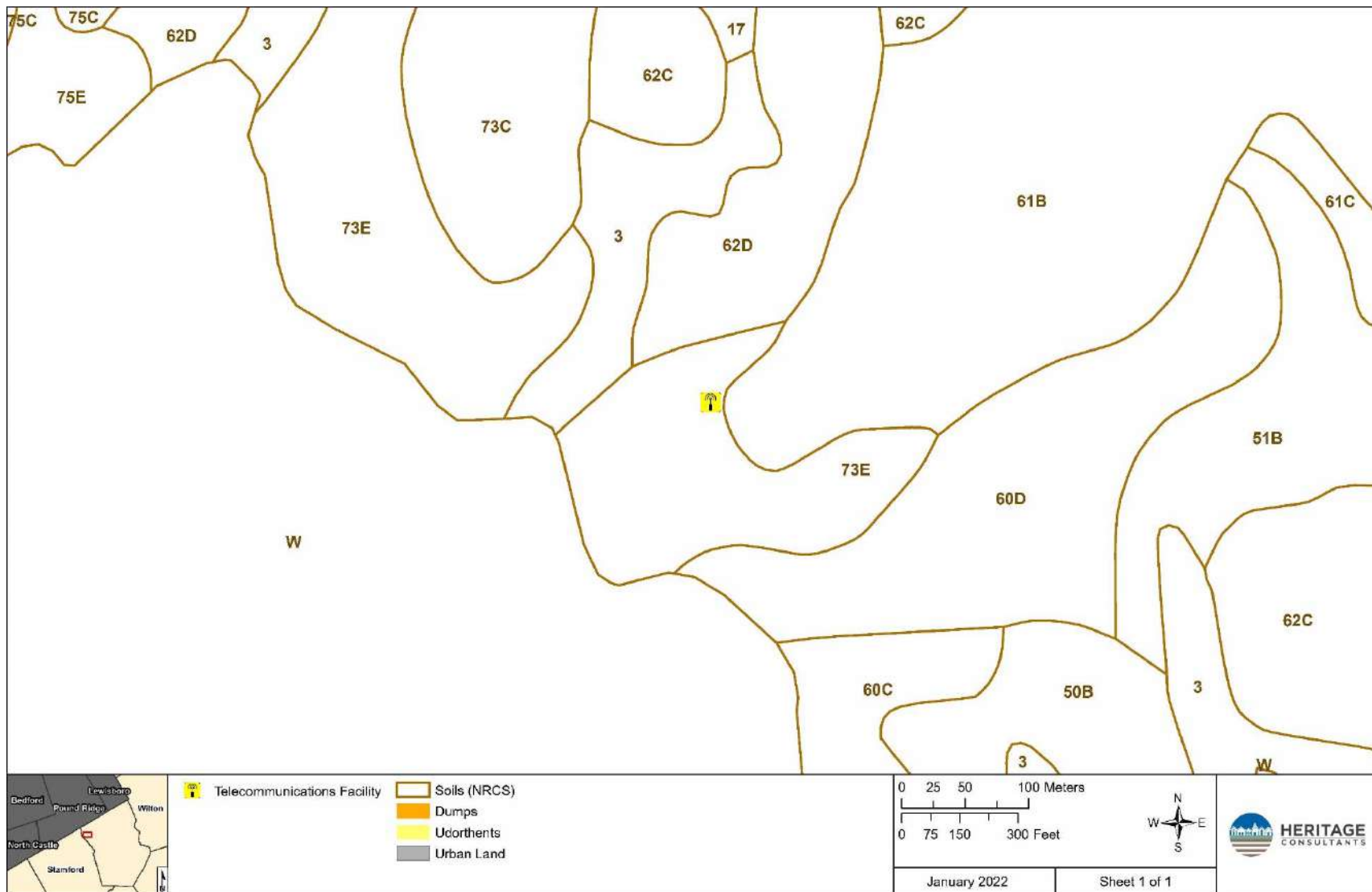


Figure 14. Digital map depicting the soil types present in the vicinity of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.



Photo 1. Overview photo of the lease area facing southwest.



Photo 2. Overview photo of the lease area facing east.



Photo 3. Overview photo of the proposed access road facing west.



Photo 4. Overview photo of the proposed access road facing south from the lease area.



Photo 5. Overview photo of the proposed access road entrance and the lease area facing west northeast from Ponus Road.

APRIL 2022

PHASE IB CULTURAL RESOURCES RECONNAISSANCE SURVEY OF THE
PROPOSED TELECOMMUNICATIONS FACILITY AT 1837 PONUS
RIDGE ROAD IN NEW CANAAN, CONNECTICUT

PREPARED FOR:



567 VAUXHALL STREET EXTENSION – SUITE 311
WATERFORD, CT 06385

PREPARED BY:



830 BERLIN TURNPIKE
BERLIN, CONNECTICUT 06037

ABSTRACT

This report presents the results of a Phase IB cultural reconnaissance survey of a proposed telecommunications facility located at 1837 Ponus Ridge Road in New Canaan, Connecticut. Heritage Consultants, LLC completed the Phase IB cultural resources reconnaissance survey on behalf of All-Points Technology Corporation in March of 2022. A total of 12 planned survey shovel test pits were excavated throughout the project area and associated proposed access road, which is characterized by mostly level topography with portions of forest, and secondary growth. Despite the field effort, no cultural material or evidence of cultural features were identified during the Phase IB survey. Thus, no additional archaeological investigation of the project area is recommended prior to construction of the telecommunications facility.

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- Figure 4. Excerpt from an 1867 historical map showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.
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- Photo 5. Overview photo of the proposed access road entrance and the lease area facing west northeast from Ponus Road.
- Photo 6. Overview photo of lease area facing northwest.
- Photo 7. Overview photo of lease area facing southeast.
- Photo 8. Overview photo of the stone wall that intersects the proposed access road facing east.

CHAPTER I

INTRODUCTION

This report presents the results of a Phase IB cultural resources reconnaissance survey (“Phase IB Survey”) for a proposed telecommunications facility (the “Facility”) located at 1837 Ponus Ridge Road in New Canaan, Connecticut (Figure 1). All-Points Technology Corporation (All-Points) requested that Heritage Consultants, LLC (Heritage) complete the Phase IB Survey as part of the planning process for the proposed telecommunications facility and associated access road. Heritage completed this investigation in March of 2022. All work associated with this investigation was performed in accordance with the *Environmental Review Primer for Connecticut’s Archaeological Resources* (Poirier 1987) promulgated by the Connecticut Historic Commission, State Historic Preservation Office.

Project Description and Methods Overview

The Facility will be built on an undeveloped parcel of land adjacent to the east of the Laurel Reservoir. This parcel currently contains trees, a small stream extending from northeast to southwest that connects to the Laurel Reservoir, and a single-family residence located in the southern portion of the lot. The Facility will be located within the center of the wooded area and approximately 100 m (328 ft) to the north of the house. The proposed undertaking will consist of the development of 20 x 26 m (60 x 85 ft) lease area that will contain a diesel powered generator, a walk-in cabinet on a concrete pad, an ice bridge, and 33.5 m (110 ft) tall monopole, all of which will be surrounded by a chain link fence (Figure 2). The lease area will be accessed by a proposed road that connects to Ponus Ridge Road. Heritage previously completed a preliminary archaeological assessment of the proposed Facility to assess field conditions and soil integrity. This included pedestrian survey, and photo-documentation of property. The pedestrian survey indicated that while some areas contain moderate slopes, other areas contain relatively level topography and well drained soils that have not been disturbed significantly in the past.

The Phase IB cultural resources reconnaissance survey consisted of historical research and records reviews that focused on the area of New Canaan containing the proposed Facility. Background research included analysis of readily available historical maps and aerial imagery; an examination of the pertinent 1996 USGS 7.5’ series topographic quadrangles; and a review of all known archaeological sites and National/State Register of Historic Places property maintained by the Connecticut State Historic Preservation Office (CT-SHPO), as well as digital records archived by Heritage. The intent of this review was to identify all previously recorded cultural resources situated within or immediately adjacent to the project area. This information was used to develop the archaeological context for assessing cultural resources that may be identified during survey. The following chapters provide an overview of the region’s natural and prehistoric settings, historical backdrop, and previous cultural resources investigations completed within the vicinity of the project area. They are included to provide contextual information relative to the location of the project area, its natural characteristics, and its prehistoric and historical use and occupation. An overview of the previous cultural resources investigations in the area and a discussion of their results is also provided below.

Field Methods Overview

Field methods employed during the Phase IB survey consisted of pedestrian survey, mapping, photo-documentation, and shovel testing of the project area. The subsurface examination was completed through the excavation of planned survey shovel tests in undisturbed areas within the areas of impact. All shovel tests measured 50 x 50 cm (19.4 x 19.4 in) in size and were excavated until glacially derived C-Horizon soils or immovable objects (boulders, large tree roots) were encountered. Each shovel test was

excavated in 10 cm (3.9 in) arbitrary levels within natural soil horizons, and the fill from each level was screened separately. All shovel test fill was screened through 0.635 cm (0.25 in) hardware cloth and examined visually for cultural material. Soil characteristics were recorded using Munsell Soil Color Charts and standard soils nomenclature. Each shovel test was backfilled after it was recorded.

Summary of Project Results

The review of historical maps and aerial images of the project region and files maintained by the CT-SHPO failed to identify any previously recorded archaeological sites or State/National Register of Historic Places properties/districts situated within 0.8 km (0.5 mi) of the proposed Facility. The fieldwork for the Phase IB survey was completed in March of 2022 and included the excavation of 12 of 12 (100 percent) planned survey shovel test pits. Despite this subsurface testing regime, no cultural material or evidence of archaeological features were identified. As a result, Heritage determined that no impacts to archaeological resources are expected by construction of the Facility and no additional archaeological examination of the project area is recommended.

Project Personnel

Key personnel for this project included David R. George, M.A., R.P.A., (Principal Investigator); Renée Petruzelli, M.A., RPA (Project Archaeologist), Antonio Medina, B.A., (Operations Supervisor); Matt Denno, B.A., (Field Supervisor); Sean Buckley, B.S., (GIS Specialist); and Dr. David Naumec, Ph.D., (Historian).

CHAPTER II

NATURAL SETTING

Introduction

This chapter provides a brief overview of the natural setting of the region containing the project area. Previous archaeological research has documented that a few specific environmental factors can be associated with both prehistoric and historical period site selection. These include general ecological conditions, as well as types of fresh water sources and soils present. The remainder of this section provides a brief overview of the ecology, hydrological resources, and soils present within the project area and the larger region in general.

Ecoregions of Connecticut

Throughout the Pleistocene and Holocene Periods, Connecticut has undergone numerous environmental changes. Variations in climate, geology, and physiography have led to the “regionalization” of Connecticut’s modern environment. It is clear, for example, that the northwestern portion of the state has very different natural characteristics than the coastline. Recognizing this fact, Dowhan and Craig (1976), as part of their study of the distribution of rare and endangered species in Connecticut, subdivided the state into various ecoregions. Dowhan and Craig (1976:27) defined an ecoregion as:

“an area characterized by a distinctive pattern of landscapes and regional climate as expressed by the vegetation composition and pattern, and the presence or absence of certain indicator species and species groups. Each ecoregion has a similar interrelationship between landforms, local climate, soil profiles, and plant and animal communities. Furthermore, the pattern of development of plant communities (chronosequences and toposequences) and of soil profile is similar in similar physiographic sites. Ecoregions are thus natural divisions of land, climate, and biota.”

Dowhan and Craig defined nine major ecoregions for the State of Connecticut. They are based on regional diversity in plant and animal indicator species (Dowhan and Craig 1976). Only one of the ecoregions is germane to the current investigation: Southwest Hills. A brief summary of this ecoregion is presented below. It is followed by a discussion of the hydrology and soils found in and adjacent to the project area.

Southwest Hills Ecoregion

The Southwest Hills ecoregion consists of a near coastal upland region located within 48.3 km (25 mi) of Long Island Sound (Dowhan and Craig 1976:35). It is characterized by “low, rolling to locally rugged hills of moderate elevation, broad areas of upland, and local areas of steep and rugged topography” (Dowhan and Craig 1976:35). Elevations in the Southwest Hills ecoregion range from 76.2 to 228.6 m (250 to 750 ft) above sea level (Bell 1985), with maximum elevations of just under 304.8 m (1,000 ft) NGVD in some places. The bedrock of the region is primarily metamorphic in origin, with north trending belts of Paleozoic gneisses and schists present (Bell 1985; Dowhan and Craig 1976). Soils in this ecoregion have developed on top of glacial till in upland locales, and on top of stratified deposits of sand, gravel, and silt in the local valleys (Dowhan and Craig 1976).

Hydrology in the Vicinity of the Project Area

The proposed project parcel is situated within close proximity to several sources of freshwater, Laurel Reservoir, Mill River, Collins Pond, Rippowam River, and several small unnamed ponds. The ponds and rivers may have served as resource extraction areas for Native American and historic populations.

Previously completed archaeological investigations in Connecticut have demonstrated that streams, rivers, and wetlands were focal points for prehistoric occupations because they provided access to transportation routes, sources of freshwater, and abundant faunal and floral resources. It is worth noting that the largest body of water adjacent to the project area, Laurel Reservoir, is artificial.

Soils Comprising the Project Area

Soil formation is the direct result of the interaction of a number of variables, including climate, vegetation, parent material, time, and organisms present (Gerrard 1981). Once archaeological deposits are buried within the soil, they are subject to a number of diagenic processes. Different classes of artifacts may be preferentially protected, or unaffected by these processes, whereas others may deteriorate rapidly. Cyclical wetting and drying, freezing, and thawing, and compression can accelerate chemically and mechanically the decay processes for animal bones, shells, lithics, ceramics, and plant remains. Lithic and ceramic artifacts are largely unaffected by soil pH, whereas animal bones and shells decay more quickly in acidic soils. In contrast, acidic soils enhance the preservation of charred plant remains.

A review of the soils within the project area is presented below. The most ubiquitous soil types found within the lease area and access road include the Charlton and Chatfield soil complex, which consists of very deep, well-drained soils, and are soils that are generally well correlated with prehistoric and historical site locations. Descriptive profiles for each are provided below.

Charlton Series:

The Charlton series consists of very deep, well drained soils formed in loamy melt-out till. They are nearly level to very steep soils on moraines, hills, and ridges. Slope ranges from 0 to 60 percent. A typical profile associated with Charlton soils is as follows: **Oe**--0 to 4 cm; black (10YR 2/1) moderately decomposed forest plant material. **A**--4 to 10 cm; dark brown (10YR 3/3) fine sandy loam; weak fine granular structure; very friable; many fine roots; 5 percent gravel; very strongly acid; abrupt smooth boundary. **w1**--10 to 18 cm; brown (7.5YR 4/4) fine sandy loam; weak coarse granular structure; very friable; many fine and medium roots; 5 percent gravel; very strongly acid; clear wavy boundary. **Bw2**--18 to 48 cm; yellowish brown (10YR 5/6) fine sandy loam; weak medium subangular blocky structure; very friable; common fine and medium roots; 10 percent gravel and cobbles; very strongly acid; clear wavy boundary. **Bw3**--48 to 69 cm; light olive brown (2.5Y 5/4) gravelly fine sandy loam; massive; very friable; few medium roots; 15 percent gravel and cobbles; very strongly acid; abrupt wavy boundary. **C**--69 to 165 cm; grayish brown (2.5Y 5/2) gravelly fine sandy loam with thin lenses of loamy sand; massive; friable, some lenses firm; few medium roots; 25 percent gravel and cobbles; strongly acid.

Chatfield Series:

The Chatfield series consists of well drained soils formed in loamy melt-out till. They are moderately deep to bedrock. They are nearly level to very steep soils on bedrock-controlled hills and ridges. A typical profile associated with Chatfield soils is as follows: **Oi**-- 0 to 3 cm, slightly decomposed leaf, needle, and twig litter; extremely acid, pH 4.2; **A** -- 3 to 5 cm, very dark gray (10YR 3/1) fine sandy loam, gray (10YR 5/1), dry; weak fine subangular blocky structure; friable; many fine and medium roots throughout; 5 percent mixed gravel and cobbles; very strongly acid, pH 4.5; abrupt smooth boundary; **Bw1**-- 5 to 33 cm, strong brown (7.5YR 5/6) gravelly fine sandy loam; weak fine subangular blocky structure; friable; common fine roots throughout and common medium roots throughout; 15 percent mixed gravel and cobbles; very strongly acid, pH 4.5; abrupt wavy boundary; **Bw2** -- 33 to 76 cm, strong

brown (7.5YR 5/6) gravelly fine sandy loam; moderate medium subangular blocky structure; friable; few fine roots throughout; 20 percent mixed rock fragments; very strongly acid, pH 4.5; abrupt irregular boundary; and **2R** -- 76 cm; fractured slightly-weathered schist bedrock.

Summary

The natural setting of the region containing the proposed telecommunications facility is common throughout the Southwest Hills ecoregion. Streams and rivers of this area empty into the Rippowam River, which in turn, drains into the Long Island Sound to the south. Moderate slopes dominate the region, and the soils are characterized as silty and sandy loams. In general, the surrounding region was well suited to Native American occupation throughout the prehistoric era. This portion of New Canaan was also used after Colonial settlement for agricultural land, as evidenced by the presence of agricultural fields throughout the region; thus, archaeological deposits dating from the prehistoric and historical eras may be expected near or within the proposed Facility area.

CHAPTER III

PREHISTORIC SETTING

Introduction

Prior to the late 1970s and early 1980s, very few systematic archaeological surveys of large portions of the state of Connecticut had been undertaken. Rather, the prehistory of the region was studied at the site level. Sites chosen for excavation were highly visible and they were located in such areas as the coastal zone, e.g., shell middens, and Connecticut River Valley. As a result, a skewed interpretation of the prehistory of Connecticut was developed. It was suggested that the upland portions of the state, i.e., the northeastern and northwestern hills ecoregions, were little used and rarely occupied by prehistoric Native Americans, while the coastal zone, i.e., the eastern and western coastal and the southeastern and southwestern hills ecoregions, were the focus of settlements and exploitation in the prehistoric era. This interpretation remained unchallenged until the 1970s and 1980s when several town-wide and regional archaeological studies were completed. These investigations led to the creation of several archaeological phases that subsequently were applied to understand the prehistory of Connecticut. The remainder of this chapter provides an overview of the prehistoric setting of the region encompassing the project area.

Paleo-Indian Period (12,000 to 10,000 Before Present [B.P.])

The earliest inhabitants of the area encompassing the State of Connecticut, who have been referred to as Paleo-Indians, arrived in the area by ca., 12,000 B.P. (Gramly and Funk 1990; Snow 1980). Due to the presence of large Pleistocene mammals at that time and the ubiquity of large fluted projectile points in archaeological deposits of this age, Paleo-Indians often have been described as big-game hunters (Ritchie and Funk 1973; Snow 1980); however, as discussed below, it is more likely that they hunted a broad spectrum of animals.

While there have been numerous surface finds of Paleo-Indian projectile points throughout the State of Connecticut, only two sites, the Templeton Site (6-LF-21) in Washington, Connecticut, and the Hidden Creek Site (72-163) in Ledyard, Connecticut, have been studied in detail and dated using the radiocarbon method (Jones 1997; Moeller 1980). The Templeton Site (6-LF-21) is located in Washington, Connecticut and was occupied between 10,490 and 9,890 years ago (Moeller 1980). In addition to a single large and two small fluted points, the Templeton Site produced a stone tool assemblage consisting of graters, drills, core fragments, scrapers, and channel flakes, which indicates that the full range of stone tool production and maintenance took place at the site (Moeller 1980). Moreover, the use of both local and non-local raw materials was documented in the recovered tool assemblage, suggesting that not only did the site's occupants spend some time in the area, but they also had access to distant stone sources, the use of which likely occurred during movement from region to region.

The only other Paleo-Indian site studied in detail in Connecticut is the Hidden Creek Site (72-163) (Jones 1997). The Hidden Creek Site is situated on the southeastern margin of the Great Cedar Swamp on the Mashantucket Pequot Reservation in Ledyard, Connecticut. While excavation of the Hidden Creek Site produced evidence of Terminal Archaic and Woodland Period components (see below) in the upper soil horizons, the lower levels of the site yielded artifacts dating from the Paleo-Indian era. Recovered Paleo-Indian artifacts included broken bifaces, side-scrapers, a fluted preform, graters, and end-scrapers. Based on the types and number of tools present, Jones (1997:77) has hypothesized that the Hidden Creek Site represented a short-term occupation, and that separate stone tool reduction and

rejuvenation areas were present.

While archaeological evidence for Paleo-Indian occupation is scarce in Connecticut, it, combined with data from the West Athens Road and King's Road Site in the Hudson drainage and the Davis and Potts Sites in northern New York, supports the hypothesis that there was human occupation of the area not long after ca. 12,000 B.P. (Snow 1980). Further, site types currently known suggest that the Paleo-Indian settlement pattern was characterized by a high degree of mobility, with groups moving from region to region in search of seasonally abundant food resources, as well as for the procurement of high-quality raw materials from which to fashion stone tools.

Archaic Period (10,000 to 2,700 B.P.)

The Archaic Period, which succeeded the Paleo-Indian Period, began by ca., 10,000 B.P. (Ritchie and Funk 1973; Snow 1980), and it has been divided into three subperiods: Early Archaic (10,000 to 8,000 B.P.), Middle Archaic (8,000 to 6,000 B.P.), and Late Archaic (6,000 to 3,400 B.P.). These periods were devised to describe all non-farming, non-ceramic producing populations in the area. Regional archeologists recently have recognized a final "transitional" Archaic Period, the Terminal Archaic Period (3,400-2,700 B.P.), which was meant to describe those groups that existed just prior to the onset of the Woodland Period and the widespread adoption of ceramics into the toolkit (Snow 1980; McBride 1984; Pfeiffer 1984, 1990; Witthoft 1949, 1953).

Early Archaic Period (10,000 to 8,000 B.P.)

To date, very few Early Archaic sites have been identified in southern New England. As a result, researchers such as Fitting (1968) and Ritchie (1969), have suggested a lack of these sites likely is tied to cultural discontinuity between the Early Archaic and preceding Paleo-Indian Period, as well as a population decrease from earlier times. However, with continued identification of Early Archaic sites in the region, and the recognition of the problems of preservation, it is difficult to maintain the discontinuity hypothesis (Curran and Dincauze 1977; Snow 1980).

Like their Paleo-Indian predecessors, Early Archaic sites tend to be very small and produce few artifacts, most of which are not temporally diagnostic. While Early Archaic sites in other portions of the United States are represented by projectile points of the Kirk series (Ritchie and Funk 1973) and by Kanawha types (Coe 1964), sites of this age in southern New England are identified on the basis of a series of ill-defined bifurcate-based projectile points. These projectile points are identified by the presence of their characteristic bifurcated base, and they generally are made from high quality raw materials. Moreover, finds of these projectile points have rarely been in stratified contexts. Rather, they occur commonly either as surface expressions or intermixed with artifacts representative of later periods. Early Archaic occupations, such as the Dill Farm Site and Sites 6LF64 and 6LF70 in Litchfield County, are represented by camps that were relocated periodically to take advantage of seasonally available resources (McBride 1984; Pfeiffer 1986). In this sense, a foraging type of settlement pattern was employed during the Early Archaic Period.

Middle Archaic Period (8,000 to 6,000 B.P.)

By the onset of the Middle Archaic Period, essentially modern deciduous forests had developed in the region (Davis 1969). It is at this time that increased numbers and types of sites are noted in Connecticut (McBride 1984). The most well-known Middle Archaic site in New England is the Neville Site, which is located in Manchester, New Hampshire and studied by Dincauze (1976). Careful analysis of the Neville Site indicated that the Middle Archaic occupation dated from between ca., 7,700 and 6,000 years ago. In fact, Dincauze (1976) obtained several radiocarbon dates from the Middle Archaic component of the

Neville Site. The dates, associated with the then-newly named Neville type projectile point, ranged from 7,740 \pm 280 and 7,015 \pm 160 B.P. (Dincauze 1976).

In addition to Neville points, Dincauze (1976) described two other projectile points styles that are attributed to the Middle Archaic Period: Stark and Merrimac projectile points. While no absolute dates were recovered from deposits that yielded Stark points, the Merrimac type dated from 5,910 \pm 180 B.P. Dincauze argued that both the Neville and later Merrimac and Stark occupations were established to take advantage of the excellent fishing that the falls situated adjacent to the site area would have afforded Native American groups. Thus, based on the available archaeological evidence, the Middle Archaic Period is characterized by continued increases in diversification of tool types and resources exploited, as well as by sophisticated changes in the settlement pattern to include different site types, including both base camps and task-specific sites (McBride 1984:96)

Late Archaic Period (6,000 to 3,700 B.P.)

The Late Archaic Period in southern New England is divided into two major cultural traditions that appear to have coexisted. They include the Laurentian and Narrow-Stemmed Traditions (Funk 1976; McBride 1984; Ritchie 1969a and b). Artifacts assigned to the Laurentian Tradition include ground stone axes, adzes, gouges, ulus (semi-lunar knives), pestles, atlatl weights, and scrapers. The diagnostic projectile point forms of this time period in southern New England include the Brewerton Eared-Notched, Brewerton Eared and Brewerton Side-Notched varieties (McBride 1984; Ritchie 1969a; Thompson 1969). In general, the stone tool assemblage of the Laurentian Tradition is characterized by flint, felsite, rhyolite, and quartzite, while quartz was largely avoided for stone tool production.

In terms of settlement and subsistence patterns, archaeological evidence in southern New England suggests that Laurentian Tradition populations consisted of groups of mobile hunter-gatherers. While a few large Laurentian Tradition occupations have been studied, sites of this age generally encompass less than 500 m² (5,383 ft²). These base camps reflect frequent movements by small groups of people in search of seasonally abundant resources. The overall settlement pattern of the Laurentian Tradition was dispersed in nature, with base camps located in a wide range of microenvironments, including riverine as well as upland zones (McBride 1978, 1984:252). Finally, subsistence strategies of Laurentian Tradition focused on hunting and gathering of wild plants and animals from multiple ecozones.

The second Late Archaic tradition, known as the Narrow-Stemmed Tradition, is unlike the Laurentian Tradition, and it likely represents a different cultural adaptation. The Narrow-Stemmed tradition is recognized by the presence of quartz and quartzite narrow stemmed projectile points, triangular quartz Squibnocket projectile points, and a bipolar lithic reduction strategy (McBride 1984). Other tools found in Narrow-Stemmed Tradition artifact assemblages include choppers, adzes, pestles, antler and bone projectile points, harpoons, awls, and notched atlatl weights. Many of these tools, notably the projectile points and pestles, indicate a subsistence pattern dominated by hunting and fishing, as well the collection of a wide range of plant foods (McBride 1984; Snow 1980:228).

Terminal Archaic Period (3,700 to 2,700 B.P.)

The Terminal Archaic Period, which lasted from ca., 3,700 to 2,700 BP, is perhaps the most interesting, yet confusing of the Archaic Periods in southern New England prehistory. Originally termed the "Transitional Archaic" by Witthoft (1953) and recognized by the introduction of technological innovations, e.g., broadspear projectile points and soapstone bowls, the Terminal Archaic has long posed problems for regional archeologists. While the Narrow-Stemmed Tradition persisted through the Terminal Archaic and into the Early Woodland Period, the Terminal Archaic is coeval with what appears

to be a different technological adaptation, the Susquehanna Tradition (McBride 1984; Ritchie 1969b). The Susquehanna Tradition is recognized in southern New England by the presence of a new stone tool industry that was based on the use of high-quality raw materials for stone tool production and a settlement pattern different from the “coeval” Narrow-Stemmed Tradition.

The Susquehanna Tradition is based on the classification of several BROADSPEAR projectile point types and associated artifacts. There are several local sequences within the tradition, and they are based on projectile point type chronology. Temporally diagnostic projectile points of these sequences include the Snook Kill, Susquehanna BROADSPEAR, Mansion Inn, and Orient Fishtail types (Lavin 1984; McBride 1984; Pfeiffer 1984). The initial portion of the Terminal Archaic Period (ca., 3,700-3,200 BP) is characterized by the presence of Snook Kill and Susquehanna BROADSPEAR projectile points, while the latter Terminal Archaic (3,200-2,700 BP) is distinguished by the use of Orient Fishtail projectile points (McBride 1984:119; Ritchie 1971).

In addition, it was during the late Terminal Archaic Period that interior cord marked, grit tempered, thick walled ceramics with conoidal (pointed) bases made their initial appearance in the Native American toolkit. These are the first ceramics in the region, and they are named Vinette I (Ritchie 1969a; Snow 1980:242); this type of ceramic vessel appears with much more frequency during the ensuing Early Woodland Period. In addition, the adoption and widespread use of soapstone bowls, as well as the implementation of subterranean storage, suggests that Terminal Archaic groups were characterized by reduced mobility and longer-term use of established occupation sites (Snow 1980:250).

Finally, while settlement patterns appeared to have changed, Terminal Archaic subsistence patterns were analogous to earlier patterns. The subsistence pattern still was diffuse in nature, and it was scheduled carefully. Typical food remains recovered from sites of this period consist of fragments of white-tailed deer, beaver, turtle, fish, and various small mammals. Botanical remains recovered from the site area consisted of *Chenopodium* sp., hickory, butternut, and walnut (Pagoulatos 1988:81). Such diversity in food remains suggests at least minimal use of a wide range of microenvironments for subsistence purposes.

Woodland Period (2,700 to 350 B.P.)

Traditionally, the advent of the Woodland Period in southern New England has been associated with the introduction of pottery; however, as mentioned above, early dates associated with pottery now suggest the presence of Vinette I ceramics appeared toward the end of the preceding Terminal Archaic Period (Ritchie 1969a; McBride 1984). Like the Archaic Period, the Woodland Period has been divided into three subperiods: Early, Middle, and Late Woodland. The various subperiods are discussed below.

Early Woodland Period (ca., 2,700 to 2,000 B.P.)

The Early Woodland Period of the northeastern United States dates from ca., 2,700 to 2,000 B.P., and it has been thought to have been characterized by the advent of farming, the initial use of ceramic vessels, and increasingly complex burial ceremonialism (Griffin 1967; Ritchie 1969a and 1969b; Snow 1980). In the Northeast, the earliest ceramics of the Early Woodland Period are thick walled, cord marked on both the interior and exterior, and possess grit temper.

Careful archaeological investigations of Early Woodland sites in southern New England have resulted in the recovery of narrow stemmed projectile points in association with ceramic sherds and subsistence remains, including specimens of white-tailed deer, soft and hard-shell clams, and oyster shells (Lavin and Salwen: 1983; McBride 1984:296-297; Pope 1952). McBride (1984) has argued that the combination of

the subsistence remains and the recognition of multiple superimposed cultural features at various sites indicates that Early Woodland Period settlement patterns were characterized by multiple re-use of the same sites on a seasonal basis by small co-residential groups.

Middle Woodland Period (2,000 to 1,200 B.P.)

The Middle Woodland Period is marked by an increase in the number of ceramic types and forms utilized (Lizee 1994a), as well as an increase in the amount of exotic lithic raw material used in stone tool manufacture (McBride 1984). The latter suggests that regional exchange networks were established, and that they were used to supply local populations with necessary raw materials (McBride 1984; Snow 1980). The Middle Woodland Period is represented archaeologically by narrow stemmed and Jack's Reef projectile points; increased amounts of exotic raw materials in recovered lithic assemblages, including chert, argillite, jasper, and hornfels; and conoidal ceramic vessels decorated with dentate stamping. Ceramic types, indicative of the Middle Woodland Period, include Linear Dentate, Rocker Dentate, Windsor Cord Marked, Windsor Brushed, Windsor Plain, and Hollister Stamped (Lizee 1994a:200).

In terms of settlement patterns, the Middle Woodland Period is characterized by the occupation of village sites by large co-residential groups that utilized native plant and animal species for food and raw materials in tool making (George 1997). These sites were the principal place of occupation, and they were positioned close to major river valleys, tidal marshes, estuaries, and the coastline, all of which would have supplied an abundance of plant and animal resources (McBride 1984:309). In addition to villages, numerous temporary and task-specific sites were utilized in the surrounding upland areas, as well as in closer ecozones such as wetlands, estuaries, and floodplains. The use of temporary and task-specific sites to support large village populations indicates that the Middle Woodland Period was characterized by a resource acquisition strategy that can best be termed as logistical collection (McBride 1984:310).

Late Woodland Period (ca., 1,200 to 350 B.P.)

The Late Woodland Period in southern New England dates from ca., 1,200 to 350 B.P., and it is characterized by the earliest evidence for the use of corn in the lower Connecticut River Valley (Bendremer 1993; Bendremer and Dewar 1993; Bendremer et al. 1991; George 1997; McBride 1984); an increase in the frequency of exchange of non-local lithics (Feder 1984; George and Tryon 1996; McBride 1984; Lavin 1984); increased variability in ceramic form, function, surface treatment, and decoration (Lavin 1980, 1986, 1987; Lizee 1994a, 1994b); and a continuation of a trend towards larger, more permanent settlements in riverine, estuarine, and coastal ecozones (Dincauze 1974; McBride 1984; Snow 1980).

Stone tool assemblages associated with Late Woodland occupations, especially village-sized sites, are functionally variable and they reflect plant and animal resource processing and consumption on a large scale. Finished stone tools recovered from Late Woodland sites include Levanna and Madison projectile points; drills; side-, end-, and thumbnail scrapers; mortars and pestles; nutting stones; netsinkers; and celts, adzes, axes, and digging tools. These tools were used in activities ranging from hide preparation to plant processing to the manufacture of canoes, bowls, and utensils, as well as other settlement and subsistence-related items (McBride 1984; Snow 1980). Finally, ceramic assemblages recovered from Late Woodland sites are as variable as the lithic assemblages. Ceramic types identified include Windsor Fabric Impressed, Windsor Brushed, Windsor Cord Marked, Windsor Plain, Clearview Stamped, Sebonac Stamped, Selden Island, Hollister Plain, Hollister Stamped, and Shantok Cove Incised (Lavin 1980, 1988a, 1988b; Lizee 1994a; Pope 1953; Rouse 1947; Salwen and Ottesen 1972; Smith 1947). These types are

more diverse stylistically than their predecessors, with incision, shell stamping, punctation, single point, linear dentate, rocker dentate stamping, and stamp and drag impressions common (Lizée 1994a:216).

Summary of Connecticut Prehistory

In sum, the prehistory of Connecticut spans from ca., 12,000 to 350 B.P., and it is characterized by numerous changes in tool types, subsistence patterns, and land use strategies. For the majority of the prehistoric era, local Native American groups practiced a subsistence pattern based on a mixed economy of hunting and gathering wild plant and animal resources. It is not until the Late Woodland Period that incontrovertible evidence for the use of domesticated species is available. Further, settlement patterns throughout the prehistoric era shifted from seasonal occupations of small co-residential groups to large aggregations of people in riverine, estuarine, and coastal ecozones. In terms of the region containing the proposed project area, a variety of prehistoric site types may be expected. These range from seasonal camps utilized by Archaic populations to temporary and task-specific sites of the Woodland era.

CHAPTER IV

HISTORICAL OVERVIEW

Introduction

As discussed in Chapter I, the proposed telecommunications facility is located at 1837 Ponus Ridge Road in New Canaan, Connecticut. This chapter will provide an overview of the Town of New Canaan, Fairfield County, Connecticut with a focus on the impact of the proposed project on the area. Most Connecticut towns, including New Canaan, originated as Native American settlements and later became English colonial villages. Through the nineteenth and twentieth centuries, Fairfield County towns functioned as agricultural hubs with manufacturing centers powered by local waterways. The proximity of the Town of New Canaan to the cities of Stamford, Norwalk, Bridgeport, and Stratford as well as New York City and the Long Island shoreline allowed residents to engage in both substantial agricultural, industrial, and maritime activities. In the twenty-first century the Town of New Canaan has largely become a suburban area in commuting distance to major urban areas center. Although commercial and industrial development has varied, areas within town retain a rural character.

Fairfield County

Fairfield County was one of four original counties established in 1666 following the merger of New Haven Colony with Connecticut (Van Dusen 1961). Located in southwestern Connecticut, it is bounded south by Long Island Sound, east by New Haven County, north by Litchfield County, and west by New York State. Fairfield County contains four of largest cities in the state including Bridgeport, Stamford, Norwalk, and Danbury (Connecticut 2020). Its landscape includes rich farmland, upland regions, freshwater bodies of water, and part of the Long Island shoreline. The Housatonic River defines the eastern boundary of Fairfield County while other important waterways include the Housatonic, Mianus, Mill, Norwalk, Pequonnock, Rippowam, and Saugatuck Rivers (Hurd 1881). While the county developed into an urban and suburban center New Canaan retains much of its rural character.

Woodland Period to Seventeenth Century

During the Woodland Period of northeastern North American history (about 3000 to 2500 years ago) the Indigenous peoples who resided between the Housatonic River and west to the Byram River in present-day Fairfield County were part of the greater Algonquian culture of northeastern North America (Lavin 2013). They spoke local variations of Southern New England Algonquian (SNEA) languages and resided in extended kinship groups on lands they maintained for a variety of horticultural and resource extraction purposes (Goddard 1978). Native people in the region practiced subsistence activities including hunting, fowling, and fishing, along with the cultivation of various crops, the most important of which were maize, squash, and beans. They supplemented these foods seasonally by collecting shellfish, fruits, and plants during warmer periods, and gathering nuts, roots, and tubers during colder times (Lavin 2013). Additionally, these communities came together in large groups to hunt deer in the fall and winter. Indigenous peoples lived with their immediate or extended families in large settlements often concentrated along rivers and/or wetlands. Some villages were fortified by wooden palisades. Their habitations, known as a *weetu* or *wigwam*, were generally constructed of a tree sapling frame and covered in reed matting during warm months and tree bark throughout the winter. These varied in size from a small, individual dwelling to an expansive “long house” which could accommodate several families. Native communities commonly traded among both their immediate neighbors and often maintained long-distance networks as well (Lavin 2013). At the time of the arrival of Europeans some of the prominent Native nations within the present-day bounds of Fairfield County included Lenape speaking

Mahican peoples such as the Sinoway, Norwalk, Sasqua and others in the western part of the county as well as Paugussett people in the eastern part of the county and Schaghticoke peoples in the northern section of the county (De Forest 1852; Lavin 2013). These groups were closely connected through kinship, culture, language, and trade. The Native people who resided at present-day Sherman and New Fairfield were associated with the Schaghticoke community. Part of the Paugussett homeland included the present-day towns of Stratford, Bridgeport, Fairfield, Trumbull, Shelton, Monroe, Newtown and Brookfield. The people living at Schaghticoke included the areas now incorporated into the towns of Sherman and New Fairfield as part of their territory. The Sasqua lived in present-day Fairfield and Westport while the Norwalk resided further west along the coast in the area that still bears their name. Beyond the Norwalk were the Sinoway and other Mahican groups. Mahican peoples also resided in the present-day towns of Weston, Easton, Redding, Ridgefield, Danbury, and Bethel (De Forest 1852; Hurd 1881; Lavin 2013).

Seventeenth Century through Eighteenth Century

As Native communities maintained oral tradition rather than a written record, most surviving information of the Indigenous people of present-day Fairfield County was recorded by European observers who were Dutch or English colonists (Lavin 2013). The earliest Europeans known to have entered Long Island Sound, the Connecticut River, and the western Connecticut shoreline along present-day Fairfield County were the Dutch around 1614 (McBride 2013). During that voyage Captain Adrian Block created a figurative map of the region which depicted the present-day Fairfield County shoreline along with what appears to be the Quinnipiac and Housatonic Rivers. The Dutch established trade relationships with Native people of the area, among which included the Sinoway, Norwalk, and Paugussett. By the early 1620s, they entered an agreement with the Pequot of present-day southeastern Connecticut in which the Pequot would provide wampum and furs for European goods. By 1624, the Dutch West India Company formally established the colony of New Netherland centered around Manhattan and the Hudson River with its eastern bounds extended as far as Cape Cod, which included present-day New Canaan (Jacobs 2009). Trade with the Dutch afforded the Pequot steady access to European trade goods they distributed to tributaries and/or traded with others in the region. They extended their dominance over the Connecticut shoreline, eastern Long Island, and the lower Connecticut River Valley bringing the groups in those areas into a tributary relationship under their leadership (Hauptman & Wherry 2009; McBride 2013).

In 1633, the Pequot allowed the Dutch to build a fortified trading post, the *Huys de Hoop*, on the Connecticut River at the site of present-day Hartford to further cement both parties' domination over the flow of wampum, fur, and trade goods. To break from the Pequot, several Connecticut River sachems invited the English to the valley who settled Windsor in 1633, Wethersfield in 1634, and both Hartford and Saybrook by 1635 (Van Dusen 1961). Increased European interaction resulted in exposure to diseases and epidemics Indigenous people had never encountered and therefore had no natural immunity to. Illnesses such as smallpox, measles, tuberculosis, and cholera devastated Native communities. In 1633, one epidemic spread through the region impacting the Pequot and may have spread among the Quinnipiac as well. Tensions between Native and European groups laying claim to the Connecticut River resulted in the death of several English traders between 1634 and 1636 which were blamed on the Pequot. In retaliation, English forces from Massachusetts Bay destroyed Pequot and Nehantic villages on the Pequot (Thames) River in August 1636 which began the Pequot War. The Pequot laid siege to Saybrook Fort at the mouth of the Connecticut River during the winter of 1636-1637 and attacked Wethersfield in April 1637 further upriver. Connecticut Colony declared war on the Pequot and were joined by Native warriors from the Connecticut River and Mohegans under the Sachem Uncas (Oberg 2006). In May 1637 English allied forces destroyed the fortified Pequot village at Mistick which proved to be the turning point of the war. Pequot refugees fled west with their Sachem Sassacus. English forces gave chase, making landfall at Quinnipiac and pursuing them west through present-day Fairfield County (Cave 1996). In July

1637, the Pequot were defeated in present-day Fairfield and the war soon came to an end. After the war, the Connecticut English claimed Pequot territory as conquered lands for their newly established colony.

English Pequot War veterans soon returned to the rich lands west of the Connecticut River and by September 1637 men were sent to survey the coast for settlement. In April of 1638, a company of 300 English settlers under the leadership of the Reverend John Davenport arrived at Quinnipiac and formed New Haven Colony. English settlers acquired deeds as far west as Sinoway territory edging closer to Dutch New Amsterdam and within the Colony of New Netherland (Jacobs 2009). Dutch and English officials settled the territorial dispute with the Treaty of Hartford in 1650 which established the border between the colonies at Oyster Bay, Long Island, running north to include the Town of Stratford. Present-day New Canaan fell within the new border of New Netherland. The line held until 1664 when New Netherland was lost to the English the Dutch lands became incorporated into western Connecticut (Jacobs 2009; McBride 2013). In 1661 Governor John Winthrop, Jr. of Connecticut sailed for England and successfully petitioned King Charles II for an official royal charter to legitimize the colony. In the years that followed New Haven Colony joined with Connecticut Colony. Fairfield County was established in 1666 and originally consisted of the towns of Rye, Greenwich, Stamford, Norwalk, Fairfield, and Stratford. Woodbury was added in 1673. Rye was ceded to New York in 1683 as part of the “Oblong” land dispute while Danbury was incorporated in 1687 (Hurd 1881; Van Dusen 1961). At this time, the area that would become New Canaan continued to slowly develop into an English agricultural community.

Colonists moved to the New Canaan area from both Norwalk and Stamford after 1700 to take advantage of the fertile soil for agriculture and favorable location to the Noroton and Mill River. Throughout the eighteenth century, New Canaan’s population steadily increased and by 1731 the Connecticut legislature established the area as the “Canaan Parish” although the inhabitants were still considered residents of either Norwalk or Stamford (Hurd 1881). Although the parish was an inland region, it had relatively easy access to the ports at Stamford and Norwalk, where its residents could send their farm surplus and home manufactures for sale or beyond to New York and the Caribbean (King 1981). During the American Revolution (1775-1783), the Canaan Parish contributed to the war effort by recruiting soldiers, supplying food stores, and providing a variety of military goods. Throughout the war, the Fairfield County shoreline suffered from raids from Long Island-based loyalists who would take cattle and sheep to sell in British New York. In July 1779, Norwalk was among several western Connecticut shoreline towns invaded in what became known as “Tryon’s Raid,” and was burned during the affair (Crofut 1937; Van Dusen 1961). After the Revolution, Fairfield County recovered from wartime economic disruptions thanks to its agricultural production, maritime trade and proximity to New York City markets. On January 9, 1788, Connecticut ratified the U.S. Constitution to become the fifth state (Van Dusen 1961).

Nineteenth Century through Twenty-first Century

In 1801 the Connecticut legislature created the Town of New Canaan from land formerly belonging to Norwalk and Stamford (Hurd 1881; Barry 1985). The 1810 Federal Census enumerated 1,599 residents in town (U.S. Census 1810). The 1819 *Gazetteer of the States of Connecticut and Rhode-Island* reported that New Canaan was mountainous throughout but had good timber resources and produced adequate grazing and grain crops. By the 1820’s, New Canaan shifted its economic focus towards industrial development which largely centered around shoe manufacturing, 60,000 of which were exported annually. In addition to grist mills and sawmills, there were three distilleries, two machines for carding wool, three tanneries, and seven stores. The town had one Congregational and one Episcopalian church, a secondary school, and two private or “social” libraries (Pease and Niles 1819; Hurd 1881). In 1860 New Canaan had a population of 2,771 inhabitants and when the Civil War erupted the next year, local manufacturers produced boots for northern troops and by war’s end 239 New Canaan men enlisted in

the Union Army (Niven 1965; Hines 2002; Connecticut 2022b). After the war, the New Canaan Railroad opened in 1868 as a branch of the New York and New Haven Railroad which directly connected the town to Stamford and other urban areas such as New York City (Turner and Jacobus 1989). Its existence may have been an important factor in the maintenance of the town's population through the end of the nineteenth century and early twentieth century, when many rural Connecticut towns lost residents. A reservoir was built in New Canaan in the late 1860's to supply Norwalk with water (King 1981).

At the turn of the century New Canaan was embraced by urban residents, many of which migrated from the greater New York City area. By the early 1900's the town was increasingly connected to New York by rail and road. New Canaan attracted city dwellers just as the town's last shoe factory closed in 1913 after years of decline. Businesses that remained in town were small, local, and often focused on residential home construction. The early decades of the twentieth century, however, were also the time when nationally prominent artists began to move to the Silvermine section of New Canaan. They formed the core of a longstanding artists' colony in town (King 1981). A 1932 summary of the town reported that in addition to agriculture, prominent industries included "wire fencing, netting, sieves, nursery stock, etc." and the town was marketed as "a summer resort. Location is admirable and commands a view of Long Island Sound for many miles" (Connecticut 1932). The Merritt Parkway was built through southern New Canaan between 1934 and 1940 to provide an alternative to Route 1, Boston Post Road (Radde 1993). Its presence made southern New Canaan more accessible to would-be commuters. The population of New Canaan continued to grow after World War II and in 1950 it was home to 8,001 residents (Connecticut 2022c; Table 1). The following decades witnessed rapid growth and by 1970 the town had 17,451 residents (Connecticut 2022d; Table 1). The trend toward suburban living had major effects on the town as demonstrated by rapidly increasing population figures (Table 1). During the second half of the twentieth century, industrialization subsided, and suburbanization increased as a result by the widespread adopting of the automobile. Populations shifted as people moved from cities to towns when the automobile and the establishment of highways facilitated movement.

In the twenty-first century, New Canaan's population growth and residential expansion reflected its transformation from a mixed agricultural, industrial economy to a residential and service economy. As of 2018, there were four manufacturers listed in New Canaan which employed eight people. Of the town's 6,565 jobs, more than half were in the categories of retail, health care, other services, and government. Many residents commuted to Manhattan, Stamford, or Norwalk to work (CERC 2019). Town planning documents reflect a concern with protecting its existing character, preserving open space, and its historic resources. Its downtown area, virtually the only part of town with commercial uses and multi-family housing, was considered an important feature. Other areas of town were intended to be kept to large-lot residential zoning and acquisition of additional open space was an important goal (New Canaan 2014). New Canaan residents, like the many other suburban towns in the state, appreciated having access to some urban amenities while living in non-urban areas. As of the 2010, the US Census enumerated 19,738 people in town, of which 18,481 identified as "white," 633 as "Asian," 570 as "Hispanic or Latino," 197 as "black or African American," and 30 as "American Indian" (U.S. Census 2012). By 2020, the population of New Canaan had increased to 20,622 people (U.S. Census 2021).

Table 1: Population of New Canaan, 1810-2010 (Connecticut 2022a-d)

Town	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900
New Canaan	-	1,599	1,689	1,830	2,217	2,600	2,771	2,497	2,673	2,701	2,968
	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010
	3,667	3,895	5,456	6,221	8,001	13,466	17,451	17,931	17,864	19,395	19,738

History of the Project Area

According to the 1856 Clark's Map of Fairfield County, the proposed project area is situated in the northwest corner of New Canaan bounded west by Ponus Ridge Road and south by Dans Highway. The area appears undeveloped and there are few buildings nearby except for a structure depicted on the west side of Ponus Ridge Road which may belong to "N. Slawson." The Rippowam River is shown to the west of the project parcel beyond Ponus Ridge Road forming the western boundary of New Canaan and Stamford (Figure 3). The map indicates that as of 1856 the proposed project area and immediate vicinity consisted of undeveloped land, likely used for lumber or agricultural purposes. The 1867 F.W. Beers *Atlas of Fairfield County* differs little from the earlier 1856 Clark's Map of Fairfield County. The proposed project area and surrounding parcels do not appear to have changed at all and no development is noted. The structure across from the parcel, on the western side of Ponus Ridge Road is more clearly marked as the dwelling of "N. Slawson" compared to the 1856 Clark's Map while the Rippowam River is noted further west (Figure 4).

Aerial photographs taken in 1926 indicated that the proposed project was located on what was wooded lands at the time with some cleared land to the south and a large body of water, the Laurel Reservoir, now situated across from an improved Ponus Ridge Road. The Laurel Reservoir was created a few years before the aerial photograph was taken in 1923 by damming a portion of the Rippowam River. The reservoir was built to develop a water supply for Stamford (Dinan 2014). Other roads which appeared on earlier maps were still present at that time and there did not appear to be any signs of significant construction within the project area (Figure 5). The 1951 USDA aerial maps demonstrated that the landscape in the vicinity of the project remained wooded in the years after the Second World War (Figure 6). The 1986 series of aerial maps from the Connecticut State Library which document significant change in the form off a residential housing development immediately north of project parcel as well as roads and cul-de-sacs to access the homes (Figure 7). There is a structure with the address of 1837 Ponus Ridge Road associated with the project parcel. The wooden residential structure was built in 1977 and does not have any local, state, or federal historic designation (New Canaan 2022). By the early twenty-first century, the area had not developed any further as evident in aerial photographs taken in 2019. The proposed project area at 1837 Ponus Ridge Road appears to remain wooded as in previous aerial photographs and maps. There seems to be two new residential homes constructed immediately north of the project parcel (Figures 8).

Conclusions

The historical investigation of the proposed project area indicates that the project location is unlikely to be associated with any significant historical resources. Due to the landscape consisting of forested land there is the possibility of encountering remains of outbuildings, stonewalls, or evidence of historical farming. The historical record does not indicate that the proposed project impacts the locations of any known historical residences or archaeological deposits that would be considered historically significant.

CHAPTER V

PREVIOUS INVESTIGATIONS

Previously Recorded Cultural Resources Within the Vicinity of the Project Area

This section presents an overview of previous cultural resources identified within the vicinity of the proposed project area in New Canaan, Connecticut, including archaeological sites and National and State Register of Historic Places properties/districts (Figures 10 and 11). This discussion provides the comparative data necessary for assessing the results of the current Phase IB survey, and it ensures that the potential impacts to all previously recorded cultural resources located within and adjacent to the proposed project area are taken into consideration.

A review of files maintained by the Connecticut State Historic Preservation Office and Heritage revealed that there are no previously identified National Register of Historic Places properties or archaeological sites located within 0.8 km (0.5 mi) of the proposed project area. While prehistoric archaeological sites have not yet been recorded in the project region, this is most likely related to the fact that very few archaeological surveys have been completed in this part of New Canaan. Thus, the identification of prehistoric occupations in the area cannot be ruled out.

CHAPTER VI

METHODS

Introduction

This chapter describes the research design and field methods used to complete the current Phase IB cultural resources reconnaissance survey of the proposed Facility in New Canaan, Connecticut. In addition, the location and point-of-contact for the facility at which all cultural material, drawings, maps, photographs, and field notes generated during survey will be curated is provided below.

Research Design

The Phase IB cultural resources reconnaissance survey was designed to identify all prehistoric and historical period cultural resources located within the project area. Fieldwork for the project was comprehensive in nature and project planning considered the distribution of previously recorded archaeological sites located near the project area, as well as an assessment of the natural qualities of the area. The methods used to complete this investigation were designed to provide complete and thorough coverage of all portions of the project area. This undertaking entailed pedestrian survey, systematic subsurface testing, detailed mapping, and photo-documentation.

Field Methods

Following the completion of all background research, the project area was subjected to a Phase IB cultural resources reconnaissance survey utilizing pedestrian survey, photo-documentation, GPS recordation, and systematic subsurface testing. The pedestrian survey portion of this investigation included visual reconnaissance of all areas located within and immediately adjacent to the proposed Facility area. The subsurface examination was completed through the excavation of 12 of 12 (100 percent) planned survey shovel test pits spaced at 10 meter (32.8-ft) intervals.

During survey, each shovel test measured 50 x 50 centimeters (19.7 x 19.7 inches) in size and each was excavated to a depth of at least 50 centimeters below surface (19.7 inches below surface) or until glacially derived C-Horizon or wet soils were encountered. Each shovel test was excavated in 10 centimeter (3.9 inch) arbitrary levels within natural strata, and the fill from each level was screened separately. All shovel test fill was screened through 0.635 centimeter (0.25 inch) hardware cloth. Soil characteristics were recorded in the field using Munsell Soil Color Charts and standard soils nomenclature. Each shovel test was backfilled after it was fully documented.

Curation

Following the completion and acceptance of the Final Report of Investigations, all cultural material, drawings, maps, photographs, and field notes will be curated with:

Dr. Sarah Sportman
Office of Connecticut State Archaeology
Box U-1023
University of Connecticut
Storrs, Connecticut 06269

CHAPTER VII

RESULTS & MANAGEMENT RECOMMENDATIONS

Introduction

This chapter presents the results of a Phase IB survey of the proposed Facility located at 1837 Ponus Ridge Road in New Canaan, Connecticut (Figure 1). The Phase IB survey was completed by Heritage in March of 2022 on behalf of All-Points Technology Corporation. All fieldwork was performed in accordance with the *Environmental Review Primer for Connecticut's Archaeological Resources* (Poirier 1987) promulgated by the Connecticut State Historic Preservation Office. The results of the Phase IB survey are presented below.

Results of the Phase IB Survey and Management Recommendations

As discussed in Chapter I, the Facility will be built on a small undeveloped parcel of land that is situated to the east of and adjacent to the Laurel Reservoir. The parcel contains trees, a small stream that extends from northeast to southwest that connects to the Laurel Reservoir, and a single-family residence located in the southern portion of the lot. The proposed Facility will be located in the center of the wooded area and is approximately 100 m (328 ft) to the north of the house. The proposed undertaking will consist of the development of 20 x 26 m (60 x 85 ft) lease area that will contain a diesel powered generator, a walk-in cabinet on a concrete pad, an ice bridge, and 33.5 m (110 ft) tall monopole, all of which will be surrounded by a chain link fence. The lease area will be accessed by a proposed road that connects to Ponus Ridge Road (Figure 2). The project area is situated at approximately 125 m (410 ft) NGVD.

Pedestrian survey of the proposed lease area and access road, as well as photo-documentation of both areas, was completed by Heritage in January of 2022. The subsequent Phase IB survey in March of 2022 consisted of subsurface testing and mapping of the project area (Photos 1 through 8). The subsurface testing regime associated with the Phase IB survey resulted in the excavation of a total of 12 of 12 (100 percent) planned survey shovel tests in the project area. A typical shovel test profile exhibited three soil horizons in profile and extended to a terminal depth of 49 centimeters (19.3 inches) below surface. The uppermost layer was recorded as a layer of organic material that extended from 0 to 7 centimeters (0 to 2.8 inches) below surface. The A-Horizon was identified beneath the organic material; it was described as a layer of very dark brown (10YR 3/3) silt with medium sand that reached from 7 to 24 centimeters below surface (2.8 to 9.4 inches) below surface. The B-Horizon was described as a deposit of dark yellowish brown (10YR 4/6) silt with medium sand; it was identified between 24 and 49 centimeters (9.4 and 19.3 inches) below surface. A total of 9 of the 12 planned shovel tests had to be terminated due to large immovable rocks. In the three shovel test pits where the glacially derived C-Horizon was reached, it was characterized as a deposit of (2.5Y 5/6) light yellowish brown silt with medium sand. Despite the field effort, no cultural material or evidence of cultural features were identified during the Phase IB survey. Thus, no additional archaeological investigation of the project area is recommended prior to construction of the Facility.

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Figure 1. Excerpt from a USGS 7.5' series topographic quadrangle image showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

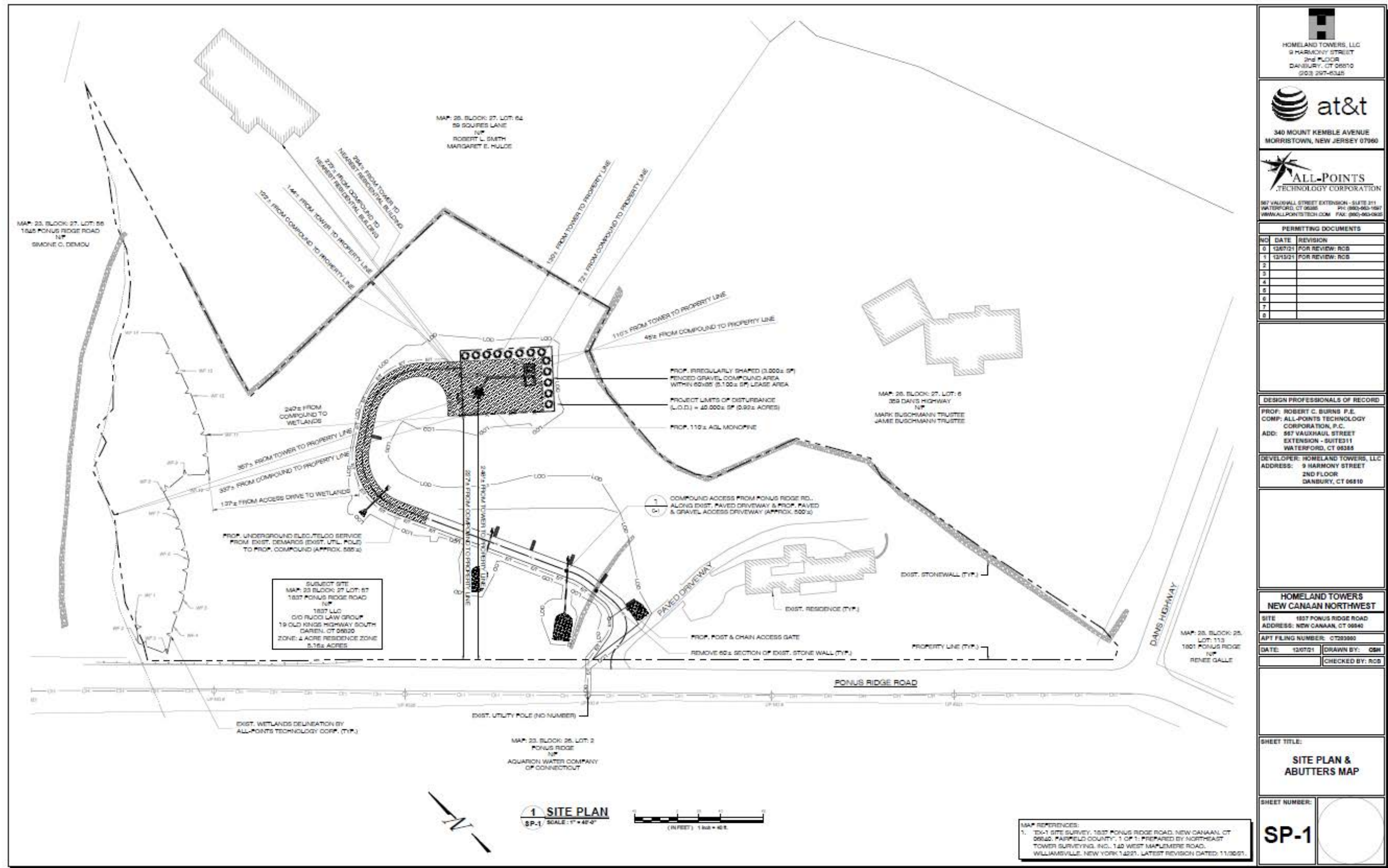


Figure 2. Site plans for the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

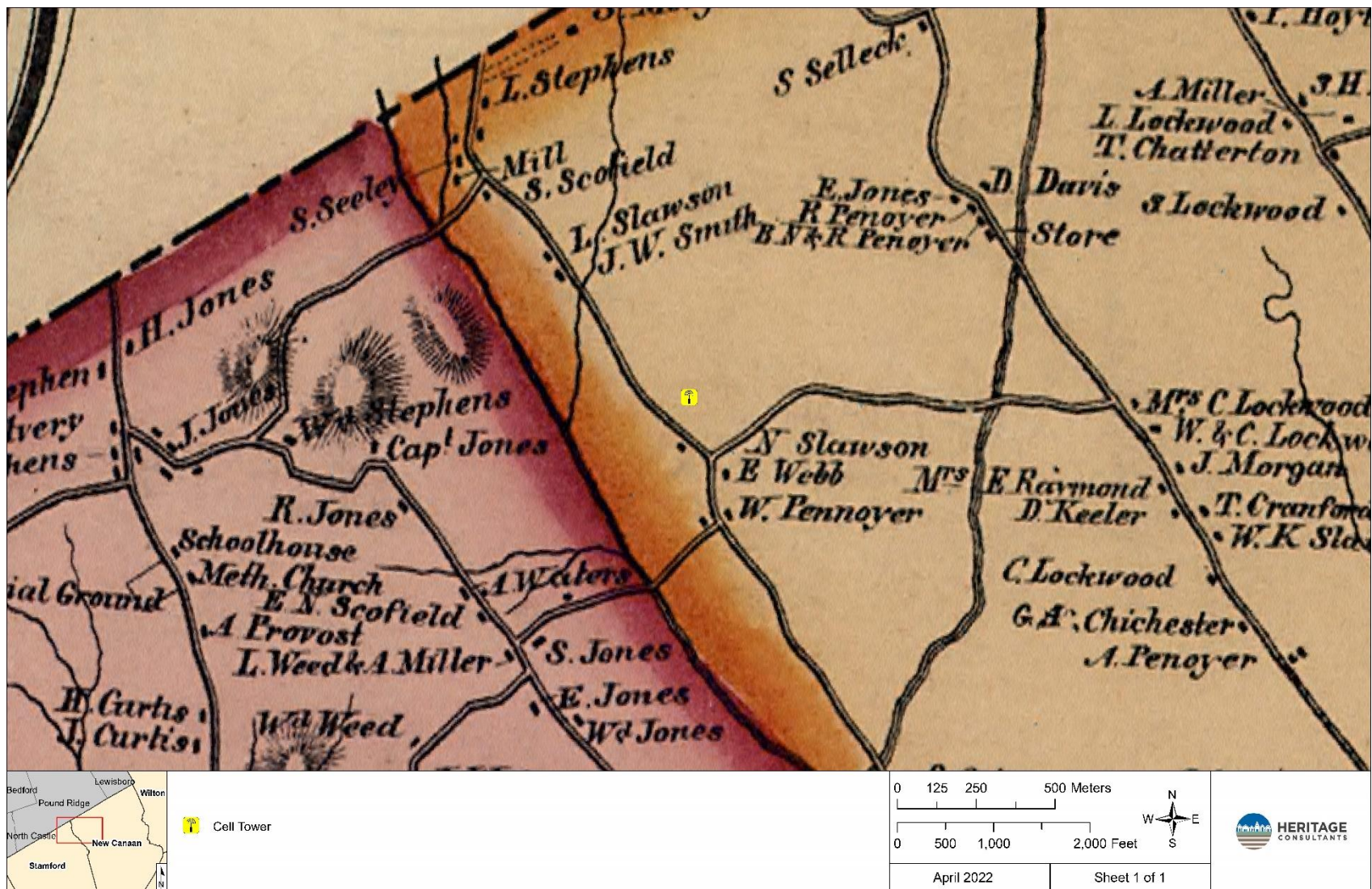


Figure 3. Excerpt from an 1858 historical map showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

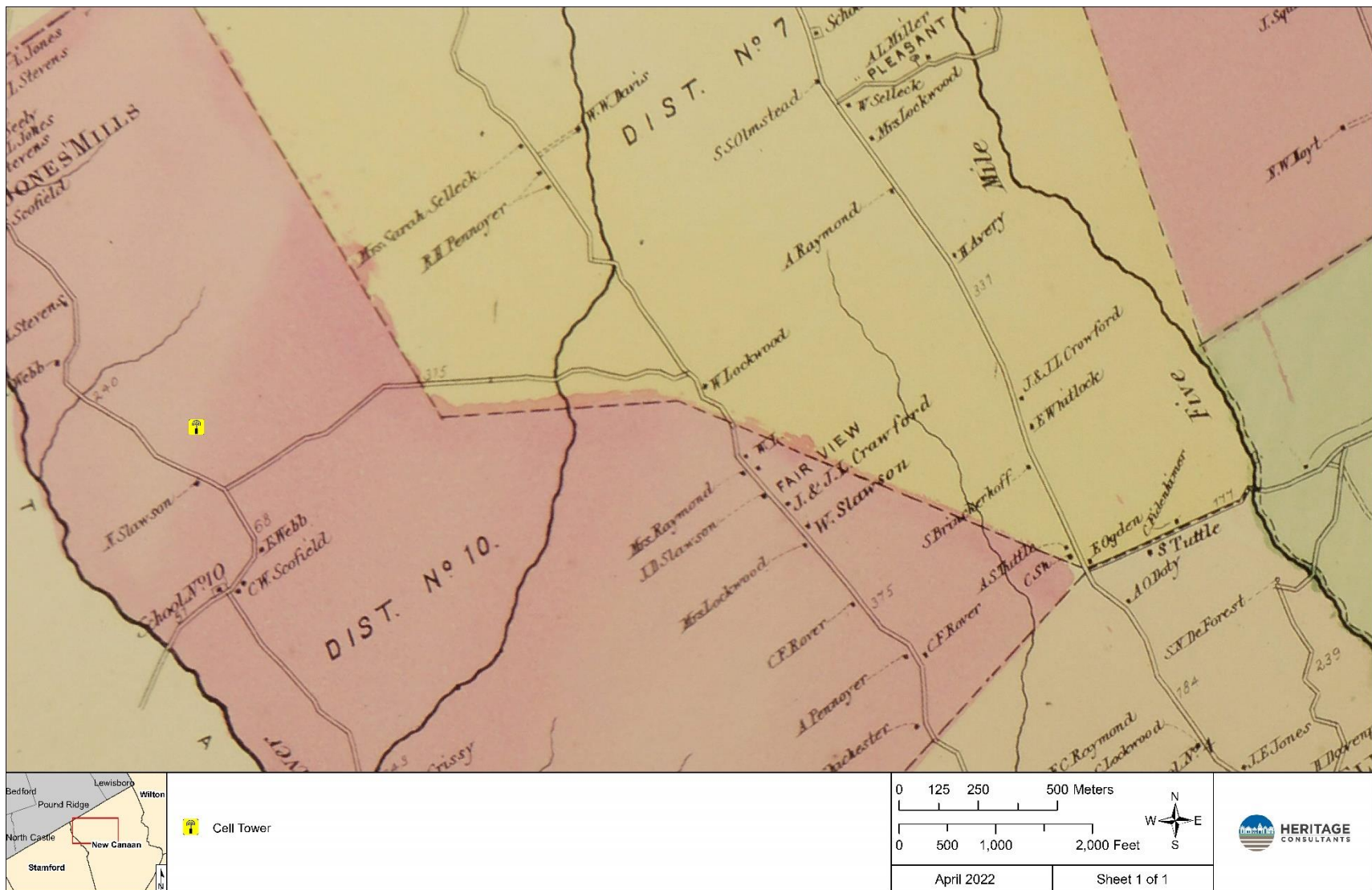


Figure 4. Excerpt from an 1867 historical map showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

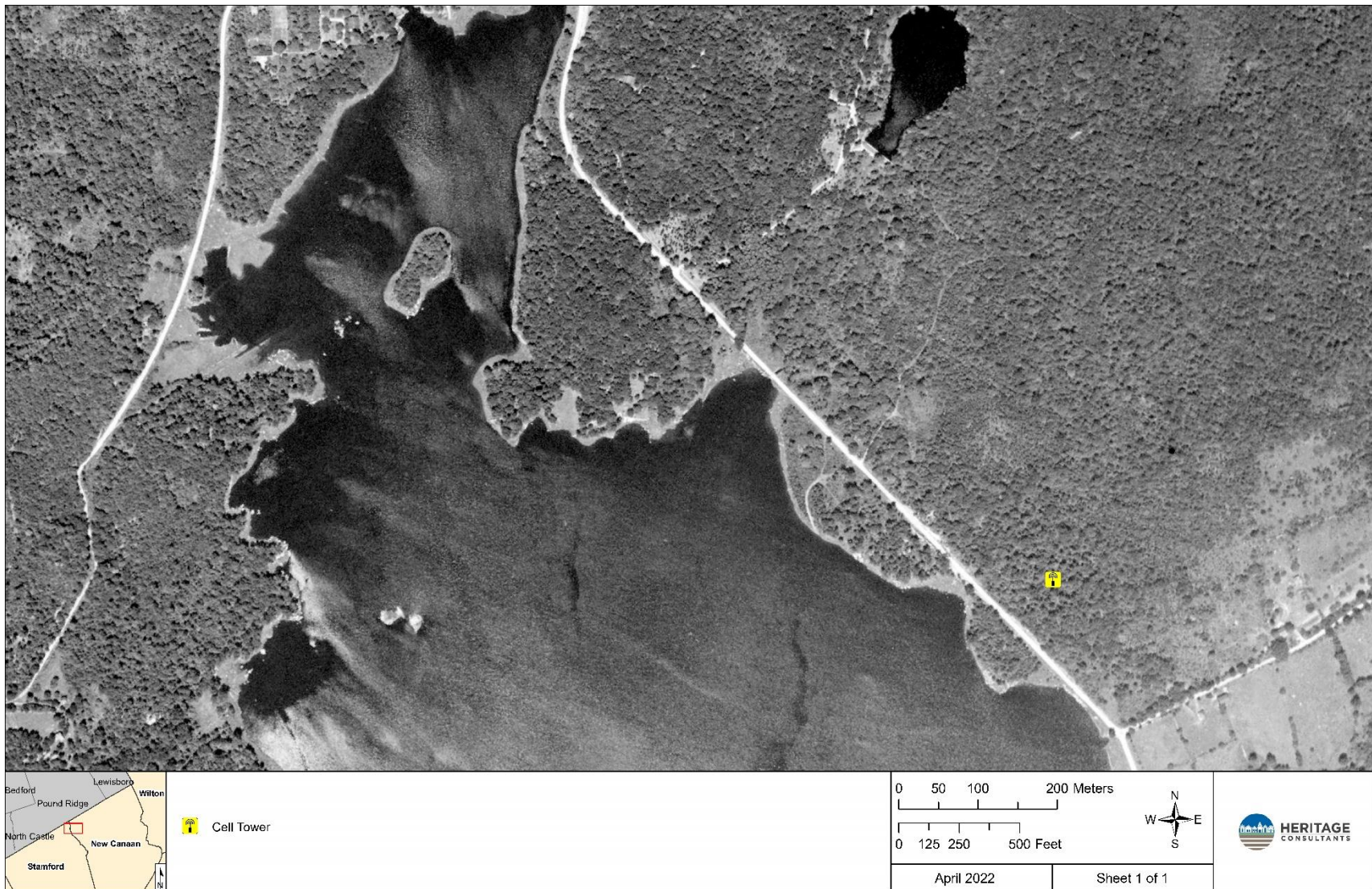


Figure 5. Excerpt from a 1926 aerial photograph showing the location of proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

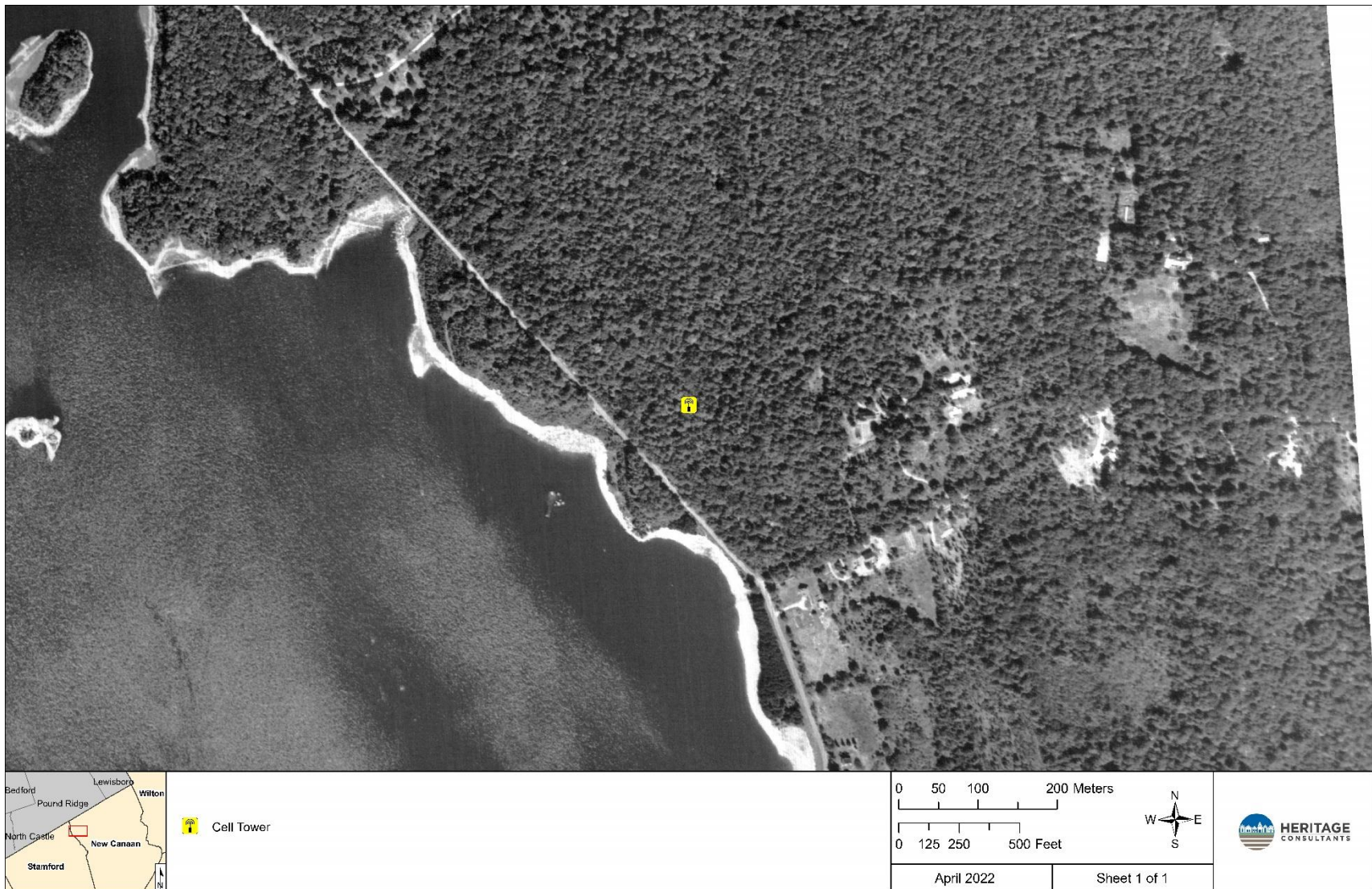


Figure 6. Excerpt of a 1951 aerial photograph showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.



Figure 7. Excerpt from a 1986 aerial photograph showing the location of proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.



Figure 8. Excerpt from a 1996 aerial photograph showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.



Figure 9. Excerpt from a 2019 aerial image showing the location of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

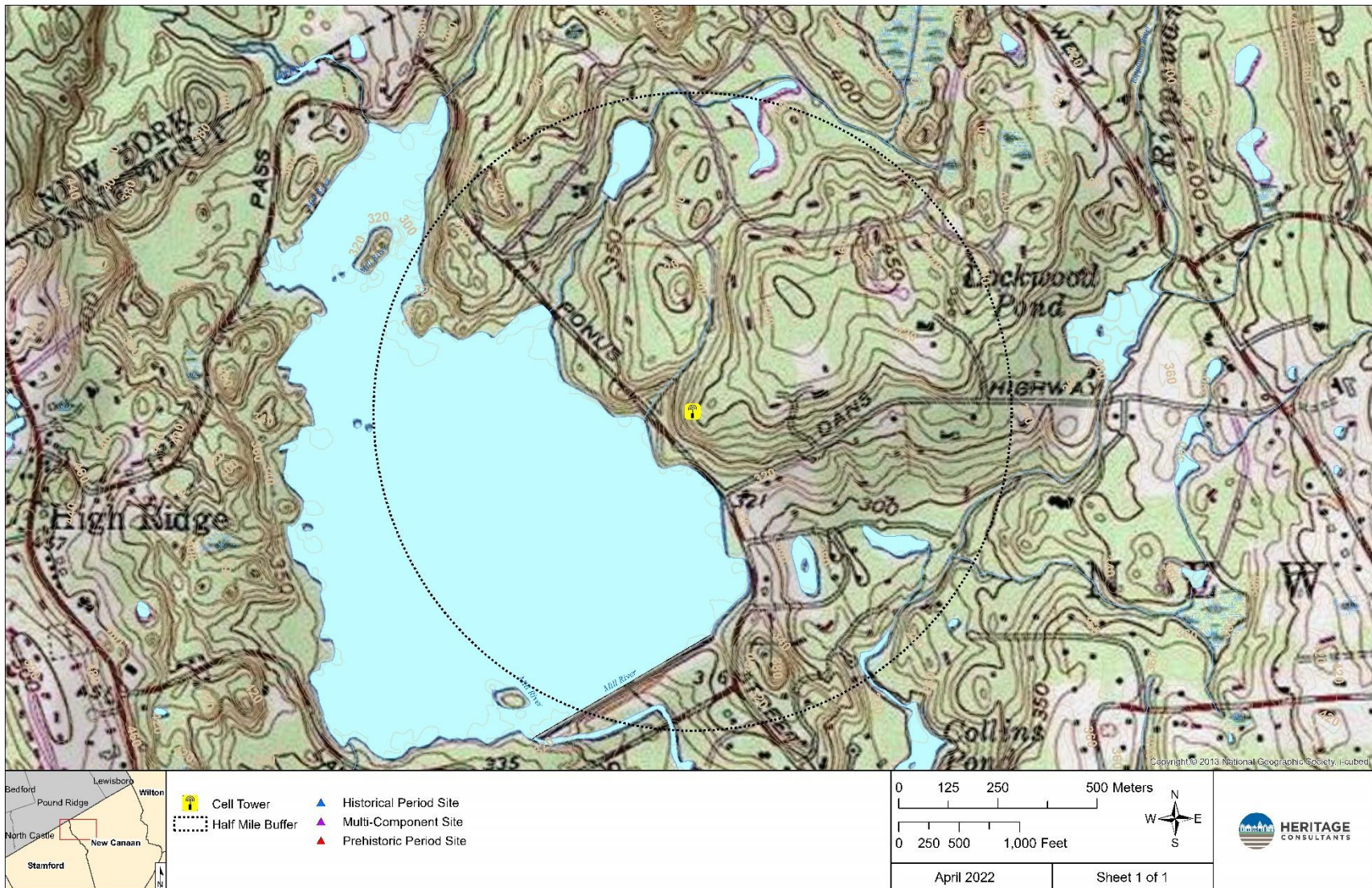


Figure 10. Digital map depicting the locations of the previously identified archaeological sites in the vicinity of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.

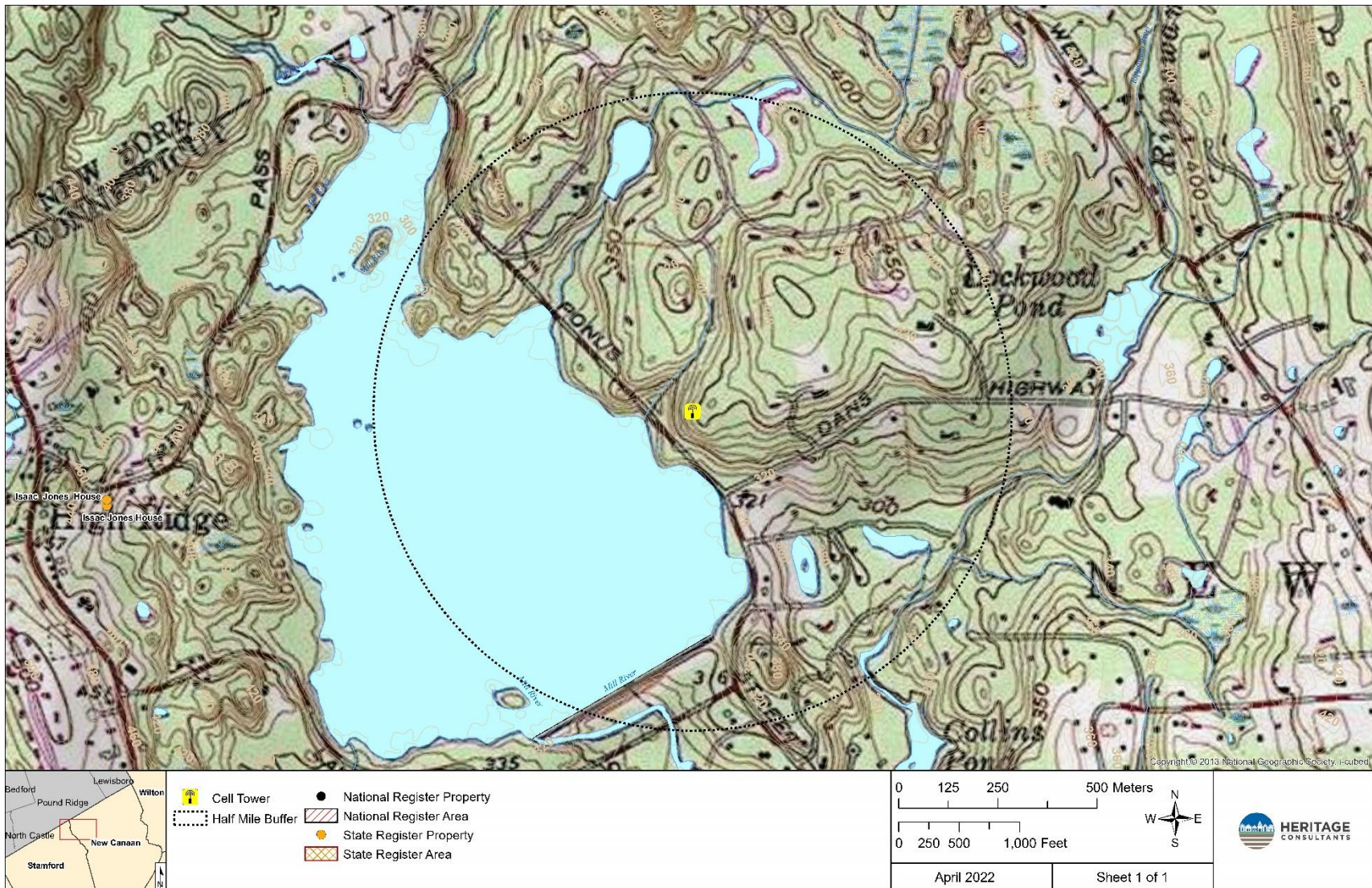


Figure 11. Digital map depicting the locations of the previously identified National Register of Historic Places and State Register of Historic Places properties in the vicinity of the proposed cellular communications facility at 1837 Ponus Ridge Road in New Canaan, Connecticut.



Photo 1. Overview photo of the lease area facing southwest.



Photo 2. Overview photo of the lease area facing east.



Photo 3. Overview photo of the proposed access road facing west.



Photo 4. Overview photo of the proposed access road facing south from the lease area.



Photo 5. Overview photo of the proposed access road entrance and the lease area facing west northeast from Ponus Road.



Photo 6. Overview photo of lease area facing east.



Photo 7. Overview photo of lease area facing southeast.



Photo 8. Overview photo of the stone wall that intersects the proposed access road facing east.

NEW TOWER SUBMISSION PACKET – FCC FORM 620

Attachment 6 – Historic Properties Attachment

File reviews of the National Register Database, Connecticut State Historic Register, and Connecticut State Historic Resource Inventory were conducted by Ms. Stacey Vairo, Architectural Historian and Mr. William Keegan, Historical Geographer & GIS Specialist, with Heritage Consultants, LLC, to identify Historic Properties within the APEs for Visual and Direct Effects. Ms. Vairo also completed an evaluation of NRHP eligibility, according to the NRHP criteria of eligibility (36 C.F.R. Part 63), for any additional properties identified within the APE for direct or visual effects that may not have been identified during a review of the aforementioned files. The results of these reviews are discussed below, as necessary.

Historic Properties Identified within the APE for Direct Effects:

- 1. List all properties identified within the APE for direct effects.*
- 2. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for direct effects, not listed in part "a", that the Applicant considers to be eligible for listing in the National Register as a result of the Applicant's research. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63). For each property that was specifically considered and determined not to be eligible, describe why it does not satisfy the criteria of eligibility.*
- 3. Describe the techniques and the methodology, including any field survey, used to identify historic properties within the APE for direct effects. If no archeological field survey was performed, provide a report substantiating that: i) the depth of previous disturbance exceeds the proposed construction depth (excluding footings and other anchoring mechanisms) by at least 2 feet; or, ii) geomorphological evidence indicates that cultural resource-bearing soils do not occur within the project area or may occur but at depths that exceed 2 feet below the proposed construction depth.*

No Historic Properties¹ previously listed or deemed eligible for the National Register of Historic Places were identified within the APE for Direct Effects. Since ground disturbance is required for this project, Phase 1A and 1B Archaeological Assessments were completed by Heritage Consultants, LLC on January 21, 2022 and April 8, 2022 respectively.

Historic Properties Identified within the APE for Visual Effects:

- 1. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for visual effects that is listed in the National Register, has been formally determined eligible for listing by the Keeper of the National Register, or is identified as considered eligible for listing in the records of the SHPO/THPO, pursuant to Section VI.D.1.a. of the Nationwide Agreement.⁶*
- 2. Provide the name and address (including U.S. Postal Service ZIP Code) of each Historic Property in the APE for visual effects, not listed in part "a", identified through the comments of Indian Tribes, NHOs, local governments, or members of the public. Identify each individual or group whose comments led to the inclusion of a Historic Property in this attachment. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63).*
- 3. For any properties listed in part "a", that the Applicant considers no longer eligible for inclusion in the National Register, explain the basis for this recommendation.*

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840

No Historic Properties previously listed or deemed eligible for the National Register of Historic Places were identified within the APE for Visual Effects.

No negative effects are expected as a result of the proposed facility; therefore, alternatives that might avoid, minimize, or mitigate any adverse effects need not be considered.

As of the date of this report, All-Points Technology has not received comments from Indian Tribes, NHOs, local governments, or members of the public that identify Historic Properties in the APE for visual effects.

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840

NEW TOWER SUBMISSION PACKET – FCC FORM 620

Attachment 7 – Tribal and NHO Involvement

At an early stage in the planning process, the Nationwide Agreement requires the Applicant to gather information from appropriate Indian Tribes or Native Hawaiian Organizations (NHOs) to assist in the identification of Historic Properties of religious and cultural significance to them. Describe measures taken to identify Indian tribes and NHOs that may attach religious and cultural significance to Historic Properties that may be affected by the collocation within the Areas of Potential Effects (APE) for direct and visual effects. If such Indian tribes or NHOs were identified, list them and provide a summary of contacts by either the FCC, the Applicant, or the Applicant's representative. Provide copies of relevant documents, including correspondence. If no such Indian tribes or NHOs were identified, please explain.

All-Points Technology Corporation, P.C. completed the Tower Construction Notification System (TCNS) on January 11, 2022. The attached FCC Notification email lists the Tribes identified through the TCNS process. Follow up correspondence, when necessary, will be completed via the methods listed on the attached email considered acceptable to each Tribe.

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840

From: towernotifyinfo@fcc.gov
To: [Deb Leonardo](#)
Cc: tcnsweekly@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #7998218
Date: Friday, January 14, 2022 3:00:47 AM

Dear Applicant:

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 notification that 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). We note that the review period for all parties begins upon receipt of the Submission Packet pursuant to Section VII.A of the NPA and notifications that do not provide this serve as information only.

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations 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 Tribal Nations 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 Tribal Nation or NHO. (NPA, Section IV.F.4).

The notification that you provided was forwarded to the following Tribal Nations and NHOs. A Tribal Nation or NHO may not respond until a full Submission Packet is provided. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. Historic Preservation Director Erin Paden - Delaware Nation - 31064 State Highway 281 (PO Box: 825) Anadarko, OK - banderson@delawarenation-nsn.gov; epaden@delawarenation-nsn.gov - 405-247-2448 (ext: 1403) - electronic mail

Exclusions: The Delaware Nation of Oklahoma Historic Preservation Office has developed the following consultation procedures for all TCNS projects identified as undertakings by the Federal Communications Commission. Please submit a 1 page cover letter with the TCNS Number, Project Name, City, County, State, Project Type, Height of tower, Land use, Explanation of ground disturbance, Geographic Coordinates in decimal degrees, and Contact information including individuals name, address, phone, fax, and email.

2. Acting THPO Michael e Johnson - Mashantucket Pequot Tribe - 110 Pequot Trail Mashantucket, CT - mejohnson@mptn-nsn.gov - 860-396-7575 - electronic mail

Exclusions: UPDATE: Mashantucket Pequot Tribal Historic Preservation Office continued operation during COVID-19 Pandemic...

On or about March 23rd of 2020, the Mashantucket Pequot Tribal Historic preservation office has been severely impacted by the Coronavirus pandemic which is affecting the entire United States, and other countries around the world.

THPO Operations were halted while tribal leadership reviewed the situation with State, and federal health officials to work on contingency plans and strategies to attempt to safely resume some operations.

The Mashantucket Pequot Tribal Historic Preservation Office resumed operation on approximately July 31st of 2020 on a very limited basis working remotely with reduced staff. As a result, we have reviewed our internal procedure regarding its process for TCNS project research. It has become necessary to apply additional changes to our internal TCNS process.

Effective immediately, our office kindly requests that project details pertaining only to TCNS numbers for which we reply with interest though the TCNS be sent to Deputy THPO Michael K. Johnson. Any other TCNS projects that are arbitrarily sent to our offices for which we have not specifically requested will be ignored.

The TCNS has also been updated to reflect our new "30 Day Preference". Please take note of that change.

TCNS reviews will still be conducted by Deputy THPO Michael K. Johnson, and contact information has been updated in TCNS. Contact E-mail still remains as mejohnson@mptn-nsn.gov.

Our current Procedure requirements in our guidance document entitled "Updated Procedure and Interest narrative 2021" are in effect. If you do not have an updated copy of our procedure, please e-mail Deputy THPO, Michael Johnson, at mejohnson@mptn-nsn.gov for a copy of this document.

Thank You!

If the applicant/tower builder receives no response from the Mashantucket Pequot Tribe within 30 days after notification through TCNS, the Mashantucket Pequot Tribe has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Mashantucket Pequot Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

3. THPO James Quinn - Mohegan Indian Tribe - Cultural Preservation Center 1 Church Lane Uncasville, CT - jqquinn@moheganmail.com - 860-862-6893 - electronic mail and regular mail

4. Program Manager Sequahna Mars - Narragansett Indian Tribe - (PO Box: 1354) Charlestown, RI - Sequahna@yahoo.com; Nithpotcns@gmail.com - 401-364-1100 (ext: 203) - electronic mail and regular mail

If the applicant/tower builder receives no response from the Narragansett Indian Tribe within 30 days after notification through TCNS, the Narragansett Indian Tribe has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Narragansett Indian Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. THPO Edith Leoso - Bad River Band of Lake Superior Tribe of Chippewa Indians - (PO Box: 39) Odanah, WI - thpo@badriver-nsn.gov; THPOAsst@badriver-nsn.gov - 715-682-7123 - electronic mail

If the applicant/tower builder receives no response from the Bad River Band of Lake Superior Tribe of Chippewa Indians within 30 days after notification through TCNS, the Bad River Band of Lake Superior Tribe of Chippewa Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Bad River Band of Lake Superior Tribe of Chippewa Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. THPO Marvin DeFoe - Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin - 88455 Pike Road, HWY 13 Bayfield, WI - Marvin.DeFoe@redcliff-nsn.gov; Edwina.Buffalo-Reyes@redcliff-nsn.gov - 715-779-3761 - electronic mail

Exclusions: Boozhoo, we do not have the Red Cliff Portal site online anymore and apologize for the inconvenience.

If you have a project that has already been paid for or would like to voluntarily pay for, please email documents for project review to THPO@redcliff-nsn.gov. This address is only to be used by Consultants who are voluntarily paying for projects.

If you have any questions, please contact Marvin Defoe, THPO Manager at (715) 779-3700 Ext. 4244 or Edwina Buffalo-Reyes, THPO Assistant at (715) 779-3700Ext. 4243.

7. THPO Sarah E Thompson - Lac du Flambeau Band of Lake Superior Chippewa Indians - Tribal Historic Preservation Office (PO Box: 67) Lac du Flambeau, WI - ldfthpo@ldftribe.com - 715-588-2139 - electronic mail
Exclusions: Effective Immediately:

Please send all submissions through email until further notice. Effective 3/23/2020

Please email all submissions to ldfthpo@ldftribe.com

Thank you

8. Deputy THPO, Archaeologist Susan Bachor - Delaware Tribe of Indians - 126 University Circle Stroud Hall, Rm. 437 East Stroudsburg, PA - sbachor@delawaretribe.org; lheady@delawaretribe.org - 610-761-7452 - electronic mail

Exclusions: The Delaware Tribe of Indians areas of interest include our aboriginal territories (circa 1600), known locations of historic Delaware settlements, routes of removal and forced migration, and all lands of Delaware aboriginal title ceded by treaty to the United States. If you are receiving this notification, then your project falls within these areas of interest and we ask that you provide us with a cover letter describing the project and its location (including the project coordinates) as well as a topographic map showing the project location. If an archaeological survey has already been performed in preparation for the project, please send a copy of that as well. Additionally, we may request a biological assessment of culturally significant treaty resources which may be affected by the proposed undertaking.

We are only interested in consulting on projects that involve ground disturbance that is planned to take place in both undisturbed and previously disturbed contexts. We are not interested in consulting on collocations or projects that involve no ground disturbance. If your project does involve ground disturbance or you do not receive a response from us within 30 days of submitting the above project information, then we have no comments on the project. However, if any archaeological resources or human remains are disturbed at any point in the project planning or construction, we ask that the project be halted until we can be notified of the inadvertent discovery and can determine the most appropriate course of action. If your company would like a formal written response from the Delaware Tribe concerning the potential impact of your project to culturally and religiously significant sites, please contact Susan Bachor at sbachor@delawaretribe.org to request such a response.

In order to better facilitate consultation throughout our areas of interest we have three regional tribal historic preservation offices. While our Tribal Headquarters remains in Oklahoma, our Eastern Office in Pennsylvania is the point of contact for all consultation within our Eastern Region which includes the states of Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia. If your project exists in any of these states, please contact Susan Bachor with the above project information at the following e-mail address. All offices prefer digital submissions and the project information can be submitted by e-mail.

Susan Bachor, Acting Director of Historic Preservation
Eastern Office
126 University Circle
Stroud Hall, Rm. 437
East Stroudsburg PA 18301
(610) 761-7452
sbachor@delawaretribe.org

Our Midwestern office is the point of contact for all consultation within our Midwestern region which includes the states of West Virginia, Ohio, Indiana, Michigan and Illinois. If your project exists in any of these states, please contact Larry Heady with the above project information at the following e-mail address. Our Midwestern office prefers to receive digital submissions and the project information can be submitted by e-mail.

Larry Heady, THPO
Midwestern Office
125 Dorry Lane, Grants Pass, OR 97527
lheady@delawaretribe.org
(262) 825-7586

We, at the DelawareTribe Historic Preservation Office, along with our Chief and Tribal Council remain committed to protecting the cultural and physical integrity of our historic sites, traditional cultural properties, sacred sites, objects of cultural patrimony, and most importantly, the remains of our Ancestors. We look forward to working with you on our shared interests in preserving and protecting Delaware heritage within our areas of interest.

The notification that 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 unless the project is excluded from SHPO review under Section III D or E of the NPA.

9. SHPO Cara Metz - Massachusetts Historical Commission - 220 Morrissey Boulevard Boston, MA - cara.metz@sec.state.ma.us - 617-727-8470 - electronic mail

10. Deputy SHPO Jeffrey Emidy - Rhode Island Historic Preservation & Heritage Comm - Old State House 150 Benefit St Providence, RI - jeffrey.emidy@preservation.ri.gov - 401-222-4134 - electronic mail

11. SHPO Edward F Sanderson - Rhode Island Historic Preservation & Heritage Comm - Old State House 150 Benefit St Providence, RI - rgreenwood@preservation.ri.gov - 401-222-4130 - electronic mail

12. SHPO Karen J Senich - Connecticut Commission on Culture and Tourism - One Constitution Plaza Hartford, CT - karen.senich@ct.gov - 860-256-2753 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal for PTC wayside poles falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. In addition, a particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance; or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above have opened and reviewed an electronic or regular mail notification. If you learn that any of the above contact information is no longer valid, please contact the FCC by emailing tcnshelp@fcc.gov. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 01/06/2022
Notification ID: 242831
Excluded from SHPO Review: No

Tower Owner Individual or Entity Name: Homeland Towers LLC
Consultant Name: Deborah M Leonardo
Street Address: 567 Vauxhall Street Extension
Suite 311
City: Waterford
State: CONNECTICUT
Zip Code: 06385
Phone: 860-663-1697
Email: dleonardo@allpointstech.com

Structure Type: MTOWER - Monopole
Latitude: 41 deg 10 min 18.8 sec N
Longitude: 73 deg 32 min 36.9 sec W
Location Description: 1837 Ponus Ridge Road
City: New Canaan
State: CONNECTICUT
County: FAIRFIELD

Detailed Description of Project: Homeland is proposing to construct a 110 ft tall faux conifer monopole tower within a new 50X75 ft gravel based fenced equipment compound. An access drive and underground utilities will extend along existing pave drive and new gravel drive.

Ground Elevation: 120.1 meters
Support Structure: 33.5 meters above ground level
Overall Structure: 35.1 meters above ground level
Overall Height AMSL: 155.2 meters above mean sea level

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

https://url.emailprotection.link/?bh_dSvtE3hQyoIY6lBJh3Q6vpaI17LBo_Nz8pvJ9GleA_7ir-Lvx4vllWmpLQFC63NcUnLhQsP1baT9lWAVrtacfs6rkK4j_8zMZylQEyf8yaNDzPm2HukXosv6wasiyk

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8:00 a.m. to 6:00 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

NEW TOWER SUBMISSION PACKET – FCC FORM 620

Attachment 8 – Local Government, Other Consulting Parties, and Public Notice

1. If any local government has been contacted and invited to become a consulting party pursuant to Section V.A. of the Nationwide Programmatic Agreement, list the local government agencies contacted. Provide a summary of contacts and copies of any relevant documents (e.g., correspondence or notices).

All-Points Technology Corporation, P.C. contacted relevant local government agencies on January 7, 2022.

2. If a local government agency will be contacted but has not been to date, explain why and when such contact will take place.

N/A.

3. List additional consulting parties that were invited to participate by the Applicant, or independently requested to participate. Provide any relevant correspondence or other documents.

New Canaan Museum & Historical Society

4. You are required to provide a Public Notice Attachment.

Attached, please find a copy of the legal notice regarding the proposed telecommunications installation that was posted in the *Stamford Advocate* on January 10, 2022. As of the date of this submission packet, no comments regarding this notice have been received by All-Points Technology Corporation, P.C. Should a response be received, copies will be forwarded to all consulting parties as an addendum to this submission packet.

Applicant: Homeland Towers, LLC

APT Project Number: CT283860

Project Location: 1837 Ponus Ridge Road, New Canaan, CT 06840

Connecticut Post | Greenwich Time | New Haven Register | Stamford Advocate | The Middletown Press
The News-Times | The Norwalk Hour | The Register Citizen

Fairfield Citizen | New Canaan Advertiser | Shelton Herald | Shoreline Times | The Darien Times | The Dolphin | The Foothills Trader | The Litchfield County Times
The Milford Mirror | The Ridgefield Press | The Spectrum | The Trumbull Times | The Wilton Bulletin | West Hartford News | Westport News

ALL POINTS TECH.CORP
567 VAUXHALL ST EXT, SUITE 311

WATERFORD CT 06385

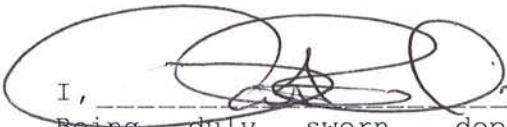
AFFIDAVIT OF PUBLICATION

STATE OF CONNECTICUT
COUNTY OF FAIRFIELD


PUBLIC NOTICE

Homeland Towers, LLC is proposing to construct a new communications facility at 1837 Ponus Ridge Road in New Canaan, CT that will include a ±110-foot tall monopole tower designed as a faux conifer with branches extending to ±115 feet above ground level, within a new ±50-foot by ±75-foot gravel based fenced equipment compound. An access drive and underground electrical and telephone service will extend from Ponus Ridge Road along an existing paved drive and new gravel drive. The facility will allow for additional municipal and commercial service providers.

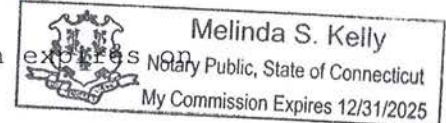
Public comments regarding potential effects on historic properties may be submitted within 30 days from the date of this publication to: All-Points Technology Corporation at 567 Vauxhall Street Extension, Suite 311, Waterford, CT 06385, to the attention of Jennifer Young Gaudet, (860) 663-1697 ext. 231, jyounggaudet@allpointstech.com. Please respond within 30 days if you wish to comment.

I,  Being duly sworn, depose and say that I am a Representative in the employ of HEARST CONNECTICUT MEDIA GROUP, Publisher of the Stamford Advocate, that a LEGAL NOTICE as stated below was published in the Stamford Advocate.

Subscribed and sworn to before me on this 18th Day of January, A.D. 2022.


Notary Public

My commission expires on



PO Number
CT283860

Ad Caption
PUBLIC NOTICE Homeland To

Publication
Stamford Advocate

Ad Number
0002678965-01

Publication Schedule
1/10/2022



Date: January 7, 2022

To: Honorable Kevin Moynihan
First Selectman
Town Hall, 2nd Floor
77 Main St.
New Canaan, CT 06840

Re: Proposed Wireless Communication Facility Modification
1837 Ponus Ridge Road
New Canaan, Connecticut

To comply with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended, Homeland Towers, LLC (Homeland Towers) has retained All-Points Technology Corporation, P.C. (APT) to evaluate proposed tower facilities for any adverse effect they may have on 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, APT is submitting this notification to the Town of New Canaan.

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The purpose of this letter is to notify you that the public notice of this proposed facility will be published in the Stamford Advocate on Monday, January 10, 2022 and to invite written comments from relevant individuals or groups that you may be aware of regarding any potential effects that the proposed facility may have upon historic properties.

Any comments regarding potential effects on historic properties may be submitted within 30 days from the date of this publication to: All-Points Technology Corporation at 567 Vauxhall Street Extension – Suite 311, Waterford, CT 06385, to the attention of Jennifer Young Gaudet, (860) 663-1697 ext. 231, jyounggaudet@allpointstech.com. Please respond within 30 days if you wish to comment.



Date: January 7, 2022

To: Thomas Nissley, Chairman
Historic District Commission
Town Hall
77 Main St.
New Canaan, CT 06840

Re: Proposed Wireless Communication Facility Modification
1837 Ponus Ridge Road
New Canaan, Connecticut

To comply with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended, Homeland Towers, LLC (Homeland Towers) has retained All-Points Technology Corporation, P.C. (APT) to evaluate proposed tower facilities for any adverse effect they may have on 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, APT is submitting this notification to the Town of New Canaan.

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Date: January 7, 2022

To: Mark Markiewicz, Chairman
Historical Review Committee
Town Hall
77 Main St.
New Canaan, CT 06840

Re: Proposed Wireless Communication Facility Modification
1837 Ponus Ridge Road
New Canaan, Connecticut

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Date: January 7, 2022

To: John H. Goodwin, Chairman
Planning & Zoning Commission
Town Hall
77 Main St.
New Canaan, CT 06840

Re: Proposed Wireless Communication Facility Modification
1837 Ponus Ridge Road
New Canaan, Connecticut

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Date: January 7, 2022

To: Lynn Brooks Avni, AICP
Town Planner/Sr. Enforcement Officer
Co-Director of Land Use
Town Hall, Lower Level
77 Main St.
New Canaan, CT 06840

Re: Proposed Wireless Communication Facility Modification
1837 Ponus Ridge Road
New Canaan, Connecticut

To comply with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended, Homeland Towers, LLC (Homeland Towers) has retained All-Points Technology Corporation, P.C. (APT) to evaluate proposed tower facilities for any adverse effect they may have on 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, APT is submitting this notification to the Town of New Canaan.

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Date: January 7, 2022

To: New Canaan Museum & Historical Society
13 Oenoke Ridge Rd.
New Canaan, CT 06840

Re: Proposed Wireless Communication Facility Modification
1837 Ponus Ridge Road
New Canaan, Connecticut

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Department of Economic and
Community Development

State Historic Preservation Office

May 19, 2022

Mr. Brian Gaudet
All-Points Technology Corp., PC
567 Vauxhall Street Extension, Suite 311
Waterford, CT 06385

Subject: Preliminary Archaeological Assessment and
Phase IB Archaeological Assessment
Proposed Telecommunications Facility
1837 Ponus Ridge Road
New Canaan, Connecticut
Homeland Towers, LLC
ENV-22-0752

Dear Mr. Gaudet:

The State Historic Preservation Office (SHPO) has reviewed the preliminary archaeological assessment and Phase IB Archaeological Assessment prepared by Heritage Consultants, LLC (Heritage), dated January 21, 2021 [*sic*, 2022] and April 2022, respectively, as part of the larger submittal for a proposed telecommunications facility. The proposed activities are subject to review by this office pursuant to the National Historic Preservation Act and in accordance with Federal Communications Commission (FCC) regulations. SHPO understands that the proposed undertaking includes the installation of a 110 foot tall stealth conifer tree monopole, with branches extending to 115 feet above ground level (AGL), to be located within a 50 foot by 75 foot equipment compound. The compound is to contain a gas-powered generator, ice bridge, and equipment cabinets, located in the central portion of the Subject Property, and be screened to the north and east by 8-10 foot tall coniferous trees. Outside the compound is proposed to be a transformer, multimeter center, and equipment cabinet. As part of initial construction, six panel antennas and nine remote radio units (RRUs) are proposed to be installed at a center height of approximately 106 feet AGL. Future carriers are proposed at centerline heights of 95 feet, 86 feet, and 76 feet AGL, respectively. A 12 foot tall omnidirectional antenna, for municipal use, is also proposed in future. Access is to be through a new, gravel and paved access road, originating from an existing drive from Ponus Ridge Road. Utilities are proposed to be run underground from Ponus Ridge Road to the new facility, which is to accommodate both commercial and municipal communications. The submitted reports are well-written, comprehensive, and meet the standards set forth in the *Environmental Review Primer for Connecticut's Archaeological Resources*.

State Historic Preservation Office

450 Columbus Boulevard, Suite 5 | Hartford, CT 06103 | P: 860.500.2300 | ct.gov/historic-preservation

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No previously recorded archaeological sites are located within 0.5 miles of the project area. Similarly, no properties listed or formally determined to be eligible for listing on the National Register of Historic Places (NR) are located within 0.5 miles of the project area. In an effort of due diligence, one property, the Isaac Jones House (1836) at 45 Trinity Pass, Stamford, designated on the State Register of Historic Places (SR), is located within 1 mile of the project area, beyond the 0.5 mile Area of Potential Effect (APE) established in the FCC *Nationwide Programmatic Agreement Regarding The Section 106 National Historic Preservation Act Review Process* (2005). However, intervening topography, vegetation, and structures prevents the installation from being visible from the resource; therefore, it will not be impacted by the proposed undertaking.

The preliminary assessment included review of soil maps, GIS data, historical mapping, aerial photos, and pedestrian survey of the project area. Soil profiles are identified as Charlton and Chatfield complex, characterized as very deep, low sloping, well-drained soils, indicative of a moderate to high potential to retain intact archaeological deposits, if they have not been disturbed. Review of historic maps and aerials reveal that the subject property itself was left relatively undeveloped until approximately 1977, when a single family residence was constructed in the southern portion of the parcel. A pedestrian survey confirmed that the majority of the project area contained moderately sloping topography, that appears to have been undisturbed. As the subject property is also within the vicinity of the historic course of the Rippowam River, there is a moderate to high potential for prehistoric archeological deposits. As a result of the preliminary assessment, a Phase IB Archaeological Assessment was recommended.

Phase IB of the reconnaissance survey consisted of subsurface testing of areas deemed to have moderate to high archaeological sensitivity during the initial assessment, and that would be subject to ground disturbing impacts as part of the proposed undertaking. A total of 12 of 12 planned shovel tests were excavated throughout the proposed work area along the proposed access road and telecommunications facility compound. Nine of the 12 had to be terminated at the B Horizon due to large immovable rocks. No prehistoric or historic period cultural artifacts or features were identified during the survey.

As a result of the information submitted, SHPO concurs with the findings of the report that additional archeological investigations of the project area are not warranted and that no historic properties will be affected by the proposed activities. However, please be advised that if construction plans change to include previously uninvestigated/undisturbed areas, this office should be contacted for additional consultation.

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Department of Economic and
Community Development

State Historic Preservation Office

This office appreciates the opportunity to review and comment upon this project. For additional information, please contact Marena Wisniewski, Environmental Reviewer, at (860) 500-2357 or marena.wisniewski@ct.gov.

Sincerely,

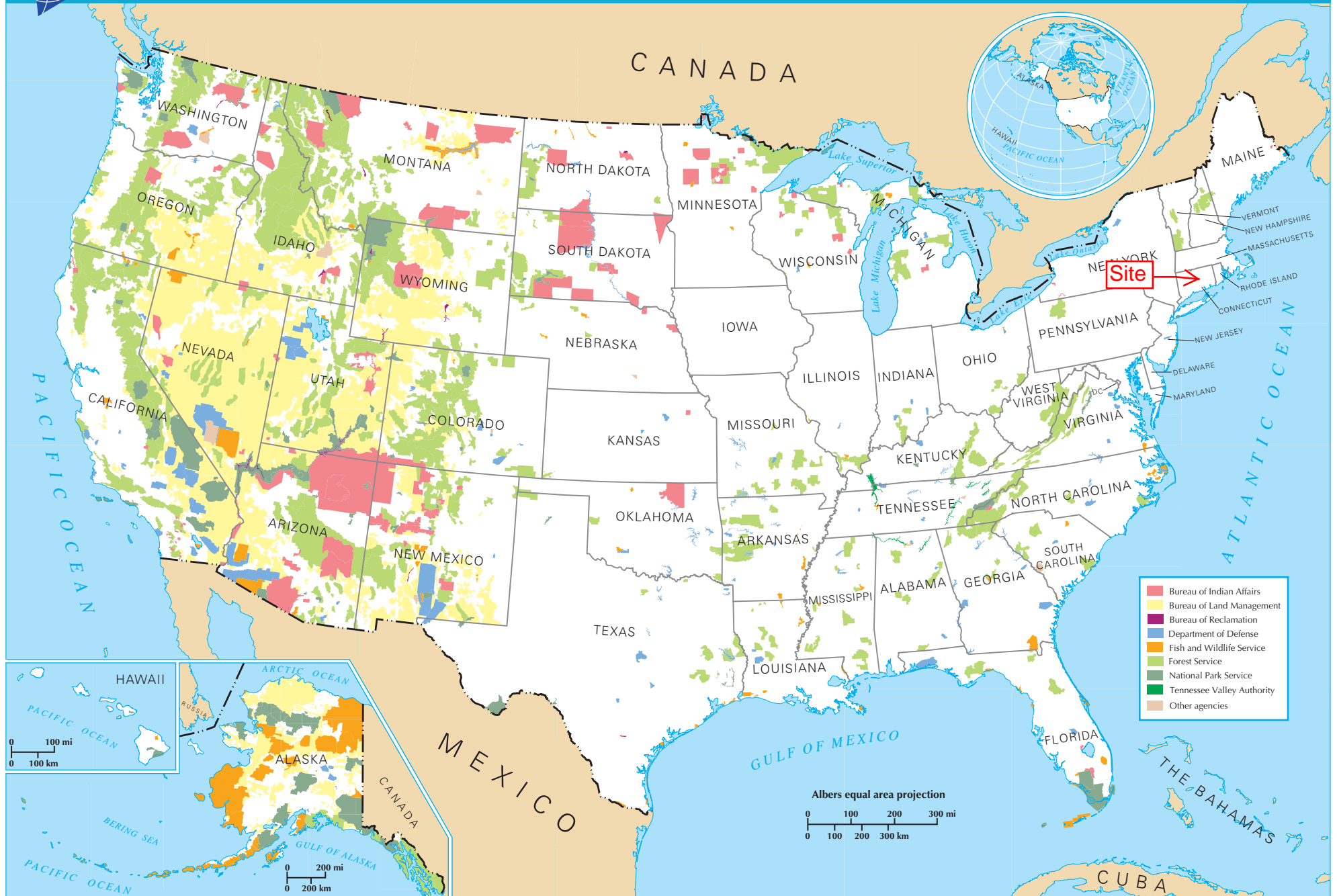
A handwritten signature in black ink that reads "Jonathan Kinney".

Jonathan Kinney
State Historic Preservation Officer

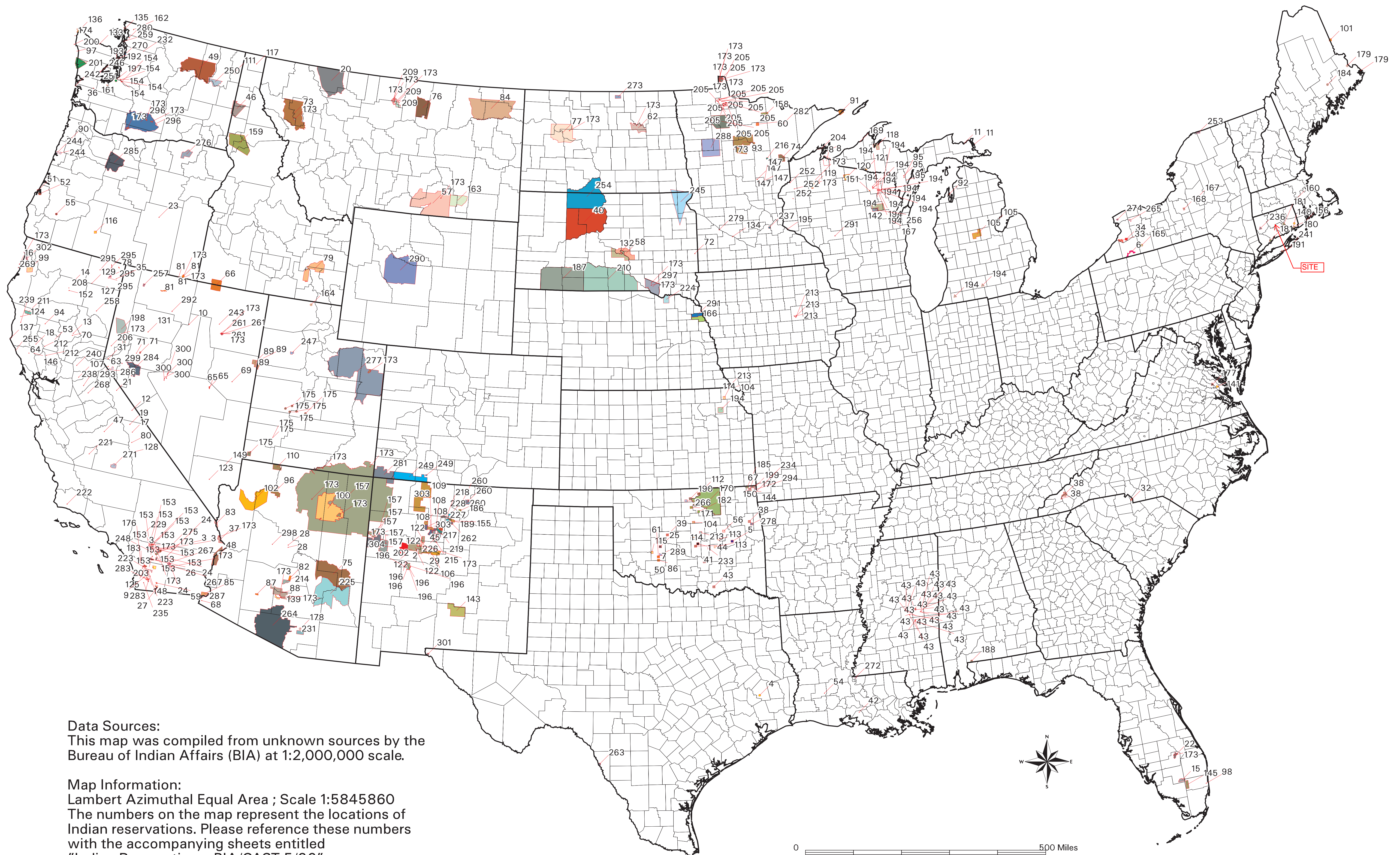
State Historic Preservation Office

450 Columbus Boulevard, Suite 5 | Hartford, CT 06103 | P: 860.500.2300 | ct.gov/historic-preservation

An Affirmative Action/Equal Opportunity Employer An Equal Opportunity Lender



Indian Reservations in the Continental United States



From: towernotifyinfo@fcc.gov
To: [Deb Leonardo](#)
Cc: tcnsweekly@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #7998218
Date: Friday, January 14, 2022 3:00:47 AM

Dear Applicant:

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 notification that 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). We note that the review period for all parties begins upon receipt of the Submission Packet pursuant to Section VII.A of the NPA and notifications that do not provide this serve as information only.

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations 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 Tribal Nations 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 Tribal Nation or NHO. (NPA, Section IV.F.4).

The notification that you provided was forwarded to the following Tribal Nations and NHOs. A Tribal Nation or NHO may not respond until a full Submission Packet is provided. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. Historic Preservation Director Erin Paden - Delaware Nation - 31064 State Highway 281 (PO Box: 825) Anadarko, OK - banderson@delawarenation-nsn.gov; epaden@delawarenation-nsn.gov - 405-247-2448 (ext: 1403) - electronic mail

Exclusions: The Delaware Nation of Oklahoma Historic Preservation Office has developed the following consultation procedures for all TCNS projects identified as undertakings by the Federal Communications Commission. Please submit a 1 page cover letter with the TCNS Number, Project Name, City, County, State, Project Type, Height of tower, Land use, Explanation of ground disturbance, Geographic Coordinates in decimal degrees, and Contact information including individuals name, address, phone, fax, and email.

2. Acting THPO Michael e Johnson - Mashantucket Pequot Tribe - 110 Pequot Trail Mashantucket, CT - mejohnson@mptn-nsn.gov - 860-396-7575 - electronic mail

Exclusions: UPDATE: Mashantucket Pequot Tribal Historic Preservation Office continued operation during COVID-19 Pandemic...

On or about March 23rd of 2020, the Mashantucket Pequot Tribal Historic preservation office has been severely impacted by the Coronavirus pandemic which is affecting the entire United States, and other countries around the world.

THPO Operations were halted while tribal leadership reviewed the situation with State, and federal health officials to work on contingency plans and strategies to attempt to safely resume some operations.

The Mashantucket Pequot Tribal Historic Preservation Office resumed operation on approximately July 31st of 2020 on a very limited basis working remotely with reduced staff. As a result, we have reviewed our internal procedure regarding its process for TCNS project research. It has become necessary to apply additional changes to our internal TCNS process.

Effective immediately, our office kindly requests that project details pertaining only to TCNS numbers for which we reply with interest though the TCNS be sent to Deputy THPO Michael K. Johnson. Any other TCNS projects that are arbitrarily sent to our offices for which we have not specifically requested will be ignored.

The TCNS has also been updated to reflect our new "30 Day Preference". Please take note of that change.

TCNS reviews will still be conducted by Deputy THPO Michael K. Johnson, and contact information has been updated in TCNS. Contact E-mail still remains as mejohnson@mptn-nsn.gov.

Our current Procedure requirements in our guidance document entitled "Updated Procedure and Interest narrative 2021" are in effect. If you do not have an updated copy of our procedure, please e-mail Deputy THPO, Michael Johnson, at mejohnson@mptn-nsn.gov for a copy of this document.

Thank You!

If the applicant/tower builder receives no response from the Mashantucket Pequot Tribe within 30 days after notification through TCNS, the Mashantucket Pequot Tribe has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Mashantucket Pequot Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

3. THPO James Quinn - Mohegan Indian Tribe - Cultural Preservation Center 1 Church Lane Uncasville, CT - jqquinn@moheganmail.com - 860-862-6893 - electronic mail and regular mail

4. Program Manager Sequahna Mars - Narragansett Indian Tribe - (PO Box: 1354) Charlestown, RI - Sequahna@yahoo.com; Nithpotcns@gmail.com - 401-364-1100 (ext: 203) - electronic mail and regular mail

If the applicant/tower builder receives no response from the Narragansett Indian Tribe within 30 days after notification through TCNS, the Narragansett Indian Tribe has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Narragansett Indian Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. THPO Edith Leoso - Bad River Band of Lake Superior Tribe of Chippewa Indians - (PO Box: 39) Odanah, WI - thpo@badriver-nsn.gov; THPOAsst@badriver-nsn.gov - 715-682-7123 - electronic mail

If the applicant/tower builder receives no response from the Bad River Band of Lake Superior Tribe of Chippewa Indians within 30 days after notification through TCNS, the Bad River Band of Lake Superior Tribe of Chippewa Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Bad River Band of Lake Superior Tribe of Chippewa Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. THPO Marvin DeFoe - Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin - 88455 Pike Road, HWY 13 Bayfield, WI - Marvin.DeFoe@redcliff-nsn.gov; Edwina.Buffalo-Reyes@redcliff-nsn.gov - 715-779-3761 - electronic mail

Exclusions: Boozhoo, we do not have the Red Cliff Portal site online anymore and apologize for the inconvenience.

If you have a project that has already been paid for or would like to voluntarily pay for, please email documents for project review to THPO@redcliff-nsn.gov. This address is only to be used by Consultants who are voluntarily paying for projects.

If you have any questions, please contact Marvin Defoe, THPO Manager at (715) 779-3700 Ext. 4244 or Edwina Buffalo-Reyes, THPO Assistant at (715) 779-3700Ext. 4243.

7. THPO Sarah E Thompson - Lac du Flambeau Band of Lake Superior Chippewa Indians - Tribal Historic Preservation Office (PO Box: 67) Lac du Flambeau, WI - ldfthpo@ldftribe.com - 715-588-2139 - electronic mail
Exclusions: Effective Immediately:

Please send all submissions through email until further notice. Effective 3/23/2020

Please email all submissions to ldfthpo@ldftribe.com

Thank you

8. Deputy THPO, Archaeologist Susan Bachor - Delaware Tribe of Indians - 126 University Circle Stroud Hall, Rm. 437 East Stroudsburg, PA - sbachor@delawaretribe.org; lheady@delawaretribe.org - 610-761-7452 - electronic mail

Exclusions: The Delaware Tribe of Indians areas of interest include our aboriginal territories (circa 1600), known locations of historic Delaware settlements, routes of removal and forced migration, and all lands of Delaware aboriginal title ceded by treaty to the United States. If you are receiving this notification, then your project falls within these areas of interest and we ask that you provide us with a cover letter describing the project and its location (including the project coordinates) as well as a topographic map showing the project location. If an archaeological survey has already been performed in preparation for the project, please send a copy of that as well. Additionally, we may request a biological assessment of culturally significant treaty resources which may be affected by the proposed undertaking.

We are only interested in consulting on projects that involve ground disturbance that is planned to take place in both undisturbed and previously disturbed contexts. We are not interested in consulting on collocations or projects that involve no ground disturbance. If your project does involve ground disturbance or you do not receive a response from us within 30 days of submitting the above project information, then we have no comments on the project. However, if any archaeological resources or human remains are disturbed at any point in the project planning or construction, we ask that the project be halted until we can be notified of the inadvertent discovery and can determine the most appropriate course of action. If your company would like a formal written response from the Delaware Tribe concerning the potential impact of your project to culturally and religiously significant sites, please contact Susan Bachor at sbachor@delawaretribe.org to request such a response.

In order to better facilitate consultation throughout our areas of interest we have three regional tribal historic preservation offices. While our Tribal Headquarters remains in Oklahoma, our Eastern Office in Pennsylvania is the point of contact for all consultation within our Eastern Region which includes the states of Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia. If your project exists in any of these states, please contact Susan Bachor with the above project information at the following e-mail address. All offices prefer digital submissions and the project information can be submitted by e-mail.

Susan Bachor, Acting Director of Historic Preservation
Eastern Office
126 University Circle
Stroud Hall, Rm. 437
East Stroudsburg PA 18301
(610) 761-7452
sbachor@delawaretribe.org

Our Midwestern office is the point of contact for all consultation within our Midwestern region which includes the states of West Virginia, Ohio, Indiana, Michigan and Illinois. If your project exists in any of these states, please contact Larry Heady with the above project information at the following e-mail address. Our Midwestern office prefers to receive digital submissions and the project information can be submitted by e-mail.

Larry Heady, THPO
Midwestern Office
125 Dorry Lane, Grants Pass, OR 97527
lheady@delawaretribe.org
(262) 825-7586

We, at the DelawareTribe Historic Preservation Office, along with our Chief and Tribal Council remain committed to protecting the cultural and physical integrity of our historic sites, traditional cultural properties, sacred sites, objects of cultural patrimony, and most importantly, the remains of our Ancestors. We look forward to working with you on our shared interests in preserving and protecting Delaware heritage within our areas of interest.

The notification that 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 unless the project is excluded from SHPO review under Section III D or E of the NPA.

9. SHPO Cara Metz - Massachusetts Historical Commission - 220 Morrissey Boulevard Boston, MA - cara.metz@sec.state.ma.us - 617-727-8470 - electronic mail

10. Deputy SHPO Jeffrey Emidy - Rhode Island Historic Preservation & Heritage Comm - Old State House 150 Benefit St Providence, RI - jeffrey.emidy@preservation.ri.gov - 401-222-4134 - electronic mail

11. SHPO Edward F Sanderson - Rhode Island Historic Preservation & Heritage Comm - Old State House 150 Benefit St Providence, RI - rgreenwood@preservation.ri.gov - 401-222-4130 - electronic mail

12. SHPO Karen J Senich - Connecticut Commission on Culture and Tourism - One Constitution Plaza Hartford, CT - karen.senich@ct.gov - 860-256-2753 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal for PTC wayside poles falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. In addition, a particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance; or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above have opened and reviewed an electronic or regular mail notification. If you learn that any of the above contact information is no longer valid, please contact the FCC by emailing tcnshelp@fcc.gov. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 01/06/2022
Notification ID: 242831
Excluded from SHPO Review: No

Tower Owner Individual or Entity Name: Homeland Towers LLC
Consultant Name: Deborah M Leonardo
Street Address: 567 Vauxhall Street Extension
Suite 311
City: Waterford
State: CONNECTICUT
Zip Code: 06385
Phone: 860-663-1697
Email: dleonardo@allpointstech.com

Structure Type: MTOWER - Monopole
Latitude: 41 deg 10 min 18.8 sec N
Longitude: 73 deg 32 min 36.9 sec W
Location Description: 1837 Ponus Ridge Road
City: New Canaan
State: CONNECTICUT
County: FAIRFIELD

Detailed Description of Project: Homeland is proposing to construct a 110 ft tall faux conifer monopole tower within a new 50X75 ft gravel based fenced equipment compound. An access drive and underground utilities will extend along existing pave drive and new gravel drive.

Ground Elevation: 120.1 meters
Support Structure: 33.5 meters above ground level
Overall Structure: 35.1 meters above ground level
Overall Height AMSL: 155.2 meters above mean sea level

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

https://url.emailprotection.link/?bh_dSvtE3hQyoIY6lBJh3Q6vpaI17LBo_Nz8pvJ9GleA_7ir-Lvx4vllWmpLQFC63NcUnLhQsP1baT9lWAVrtacfs6rkK4j_8zMZylQEyf8yaNDzPm2HukXosv6wasiyk

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8:00 a.m. to 6:00 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: towernotifyinfo@fcc.gov
To: [Deb Leonardo](#)
Cc: tcnsweekly@fcc.gov
Subject: Proposed Construction of Communications Facilities Notification of Final Contacts - Email ID #31669
Date: Thursday, May 26, 2022 9:00:49 AM

T-Mobile Northeast LLC
Deborah M Leonardo
567 Vauxhall Street Extension
Suite 311
Waterford, CT 06385

Dear Applicant:

This letter addresses the proposed communications facilities listed below that you have referred to the Federal Communications Commission (Commission) for purposes of contacting federally recognized Indian Tribes, including Alaska Native Villages (collectively Indian Tribes), and Native Hawaiian Organizations (NHOs), as specified by Section IV.G of the Nationwide Programmatic Agreement (NPA). Consistent with the procedures outlined in the Commission's Wireless Infrastructure Second Report and Order (1), we have contacted the Indian Tribes or NHOs identified in the attached Table for the projects listed in the attached Table. You referred these projects to us between 05/19/2022 and 05/26/2022. Our contact with these Tribal Nations or NHOs was sent on 05/26/2022.

Thus, as described in the Wireless Infrastructure Second Report and Order (2), if you or Commission staff do not receive a statement of interest regarding a particular project from any Tribe or NHO within 15 calendar days of 05/26/2022, your obligations under Section IV of the NPA with respect to these Tribal Nations or NHOs are complete. If a Tribal Nation or NHO responds that it has concerns about a historic property of traditional religious and cultural significance that may be affected by the proposed construction within the 15 calendar day period, the Applicant must involve it in the review as set forth in the NPA, and may not begin construction until the process set forth in the NPA is completed.

You are reminded that Section IX of the NPA imposes independent obligations on an Applicant when a previously unidentified site that may be a historic property, including an archeological property, is discovered during construction or after the completion of review. In such instances, the Applicant must cease construction and promptly notify, among others, any potentially affected Tribal Nation or NHO. A Tribal Nation's or NHO's failure to express interest in participating in pre-construction review of an undertaking does not necessarily mean it is not interested in archeological properties or human remains that may inadvertently be discovered during construction. Hence, an Applicant is still required to notify any potentially affected Tribal Nation or NHO of any such finds pursuant to Section IX or other applicable law.

Sincerely,
Jill Springer
Federal Preservation Officer
Federal Communications Commission
jill.springer@fcc.gov

1) See Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Deployment, Second Report and Order, FCC 18-30 (Mar. 30, 2018) (Wireless Infrastructure Second Report and Order).

2) See id. at paras. 111-112.

LIST OF PROPOSED COMMUNICATIONS TOWERS

TCNS# 242831 Referred Date: 05/23/2022 Location: 1837 Ponus Ridge Road, New Canaan, CT
Detailed Description of Project: Homeland is proposing to construct a 110 ft tall faux conifer monopole tower within a new 50X75 ft gravel based fenced equipment compound. An access drive and underground utilities will

extend along existing pave drive and new gravel drive.

Tribe Name: Delaware Nation

Tribe Name: Delaware Tribe of Indians

Tribe Name: Mohegan Indian Tribe

Tribe Name: Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin

TCNS# 247633 Referred Date: 05/25/2022 Location: 605 Huntington Street, Shelton, CT

Detailed Description of Project: TMobile will be installing a new propane fueled generator on a 4X10 foot concrete pad and a propane tank on a 4X12 foot concrete pad. An underground fuel line will run from the fuel tank to the generator.

Tribe Name: Delaware Nation

Tribe Name: Delaware Tribe of Indians

Tribe Name: Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin

LEGEND:

* - Notification numbers are assigned by the Commission staff for sites where initial contact was not made through TCNS.

From: [ldfthpo](#)
To: [Deb Leonardo](#)
Subject: RE: TCNS #242831 Proposed Telecommunications Tower Facility
Date: Friday, May 06, 2022 11:05:56 AM
Attachments: [image002.png](#)

Ms. Leonardo,

The Lac du Flambeau Tribal Historic Preservation Office (THPO) received your requests for comments or interest concerning the National Historic Preservation Act, Section 106 request for review and comment to the effect on historic and cultural sites within the proposed above referenced project area.

The Lac du Flambeau Tribe does not release any cultural/historical data to any agency outside of the Tribe. We will, however research and check our databases, maps, and any other pertinent inventory records with regards to said project.

Under the authority of Section 106 of the National Historic Preservation Act of 1966, as amended, we have reviewed the above-cited undertaking at the location noted above. Based on the information provided for our review, it is the opinion of the Lac du Flambeau THPO that the project has **No Historic Properties** within the project area.

This letter evidences the FCC's compliance with 36 CFR § 800.4 "Identification of historic properties" and 36 CFR § 800.5 "Assessment of adverse effects", and the fulfillment of the FCC's responsibility to notify the THPO, as a consulting party in the Section 106 process, under 36 CFR § 800.5(c) "Consulting party review".

Referencing above mentioned project we have determined that we have no objections to the project at this time we have now completed the necessary paper work and research for site documentation and will keep the project open until such time it ends. If the scope of work changes in any way, or if artifacts or human remains are discovered please notify Lac du Flambeau immediately.

Sarah Thompson
Tribal Historic Preservation Officer
P.O. Box 67
Lac du Flambeau, WI 54538
Phone: 715-588-4381
www.ldftribe.com



CONFIDENTIALITY NOTICE: *The contents of this email communication and any attachments are intended solely for the addressee(s) and may contain confidential and/or privileged information and may be officially protected from disclosure. If you are not the intended recipient of this message or their agent, or if this message has been addressed to you in error, please immediately alert the sender by reply email and then delete this message and any attachments. If you are not the intended recipient, you are hereby notified that any use, dissemination, copying, or storage of this message and/or its attachments is strictly prohibited.*

From: towernotifyinfo@fcc.gov
To: [Deb Leonardo](#)
Cc: tcnsweekly@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #7998218
Date: Friday, January 14, 2022 3:00:47 AM

Dear Applicant:

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 notification that 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). We note that the review period for all parties begins upon receipt of the Submission Packet pursuant to Section VII.A of the NPA and notifications that do not provide this serve as information only.

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations 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 Tribal Nations 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 Tribal Nation or NHO. (NPA, Section IV.F.4).

The notification that you provided was forwarded to the following Tribal Nations and NHOs. A Tribal Nation or NHO may not respond until a full Submission Packet is provided. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. Historic Preservation Director Erin Paden - Delaware Nation - 31064 State Highway 281 (PO Box: 825) Anadarko, OK - banderson@delawarenation-nsn.gov; epaden@delawarenation-nsn.gov - 405-247-2448 (ext: 1403) - electronic mail

Exclusions: The Delaware Nation of Oklahoma Historic Preservation Office has developed the following consultation procedures for all TCNS projects identified as undertakings by the Federal Communications Commission. Please submit a 1 page cover letter with the TCNS Number, Project Name, City, County, State, Project Type, Height of tower, Land use, Explanation of ground disturbance, Geographic Coordinates in decimal degrees, and Contact information including individuals name, address, phone, fax, and email.

2. Acting THPO Michael e Johnson - Mashantucket Pequot Tribe - 110 Pequot Trail Mashantucket, CT - mejohnson@mptn-nsn.gov - 860-396-7575 - electronic mail

Exclusions: UPDATE: Mashantucket Pequot Tribal Historic Preservation Office continued operation during COVID-19 Pandemic...

On or about March 23rd of 2020, the Mashantucket Pequot Tribal Historic preservation office has been severely impacted by the Coronavirus pandemic which is affecting the entire United States, and other countries around the world.

THPO Operations were halted while tribal leadership reviewed the situation with State, and federal health officials to work on contingency plans and strategies to attempt to safely resume some operations.

The Mashantucket Pequot Tribal Historic Preservation Office resumed operation on approximately July 31st of 2020 on a very limited basis working remotely with reduced staff. As a result, we have reviewed our internal procedure regarding its process for TCNS project research. It has become necessary to apply additional changes to our internal TCNS process.

Effective immediately, our office kindly requests that project details pertaining only to TCNS numbers for which we reply with interest though the TCNS be sent to Deputy THPO Michael K. Johnson. Any other TCNS projects that are arbitrarily sent to our offices for which we have not specifically requested will be ignored.

The TCNS has also been updated to reflect our new "30 Day Preference". Please take note of that change.

TCNS reviews will still be conducted by Deputy THPO Michael K. Johnson, and contact information has been updated in TCNS. Contact E-mail still remains as mejohnson@mptn-nsn.gov.

Our current Procedure requirements in our guidance document entitled "Updated Procedure and Interest narrative 2021" are in effect. If you do not have an updated copy of our procedure, please e-mail Deputy THPO, Michael Johnson, at mejohnson@mptn-nsn.gov for a copy of this document.

Thank You!

If the applicant/tower builder receives no response from the Mashantucket Pequot Tribe within 30 days after notification through TCNS, the Mashantucket Pequot Tribe has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Mashantucket Pequot Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

3. THPO James Quinn - Mohegan Indian Tribe - Cultural Preservation Center 1 Church Lane Uncasville, CT - jqquinn@moheganmail.com - 860-862-6893 - electronic mail and regular mail

4. Program Manager Sequahna Mars - Narragansett Indian Tribe - (PO Box: 1354) Charlestown, RI - Sequahna@yahoo.com; Nithpotcns@gmail.com - 401-364-1100 (ext: 203) - electronic mail and regular mail

If the applicant/tower builder receives no response from the Narragansett Indian Tribe within 30 days after notification through TCNS, the Narragansett Indian Tribe has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Narragansett Indian Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. THPO Edith Leoso - Bad River Band of Lake Superior Tribe of Chippewa Indians - (PO Box: 39) Odanah, WI - thpo@badriver-nsn.gov; THPOAsst@badriver-nsn.gov - 715-682-7123 - electronic mail

If the applicant/tower builder receives no response from the Bad River Band of Lake Superior Tribe of Chippewa Indians within 30 days after notification through TCNS, the Bad River Band of Lake Superior Tribe of Chippewa Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Bad River Band of Lake Superior Tribe of Chippewa Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. THPO Marvin DeFoe - Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin - 88455 Pike Road, HWY 13 Bayfield, WI - Marvin.DeFoe@redcliff-nsn.gov; Edwina.Buffalo-Reyes@redcliff-nsn.gov - 715-779-3761 - electronic mail

Exclusions: Boozhoo, we do not have the Red Cliff Portal site online anymore and apologize for the inconvenience.

If you have a project that has already been paid for or would like to voluntarily pay for, please email documents for project review to THPO@redcliff-nsn.gov. This address is only to be used by Consultants who are voluntarily paying for projects.

If you have any questions, please contact Marvin Defoe, THPO Manager at (715) 779-3700 Ext. 4244 or Edwina Buffalo-Reyes, THPO Assistant at (715) 779-3700Ext. 4243.

7. THPO Sarah E Thompson - Lac du Flambeau Band of Lake Superior Chippewa Indians - Tribal Historic Preservation Office (PO Box: 67) Lac du Flambeau, WI - ldfthpo@ldftribe.com - 715-588-2139 - electronic mail
Exclusions: Effective Immediately:

Please send all submissions through email until further notice. Effective 3/23/2020

Please email all submissions to ldfthpo@ldftribe.com

Thank you

8. Deputy THPO, Archaeologist Susan Bachor - Delaware Tribe of Indians - 126 University Circle Stroud Hall, Rm. 437 East Stroudsburg, PA - sbachor@delawaretribe.org; lheady@delawaretribe.org - 610-761-7452 - electronic mail

Exclusions: The Delaware Tribe of Indians areas of interest include our aboriginal territories (circa 1600), known locations of historic Delaware settlements, routes of removal and forced migration, and all lands of Delaware aboriginal title ceded by treaty to the United States. If you are receiving this notification, then your project falls within these areas of interest and we ask that you provide us with a cover letter describing the project and its location (including the project coordinates) as well as a topographic map showing the project location. If an archaeological survey has already been performed in preparation for the project, please send a copy of that as well. Additionally, we may request a biological assessment of culturally significant treaty resources which may be affected by the proposed undertaking.

We are only interested in consulting on projects that involve ground disturbance that is planned to take place in both undisturbed and previously disturbed contexts. We are not interested in consulting on collocations or projects that involve no ground disturbance. If your project does involve ground disturbance or you do not receive a response from us within 30 days of submitting the above project information, then we have no comments on the project. However, if any archaeological resources or human remains are disturbed at any point in the project planning or construction, we ask that the project be halted until we can be notified of the inadvertent discovery and can determine the most appropriate course of action. If your company would like a formal written response from the Delaware Tribe concerning the potential impact of your project to culturally and religiously significant sites, please contact Susan Bachor at sbachor@delawaretribe.org to request such a response.

In order to better facilitate consultation throughout our areas of interest we have three regional tribal historic preservation offices. While our Tribal Headquarters remains in Oklahoma, our Eastern Office in Pennsylvania is the point of contact for all consultation within our Eastern Region which includes the states of Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia. If your project exists in any of these states, please contact Susan Bachor with the above project information at the following e-mail address. All offices prefer digital submissions and the project information can be submitted by e-mail.

Susan Bachor, Acting Director of Historic Preservation
Eastern Office
126 University Circle
Stroud Hall, Rm. 437
East Stroudsburg PA 18301
(610) 761-7452
sbachor@delawaretribe.org

Our Midwestern office is the point of contact for all consultation within our Midwestern region which includes the states of West Virginia, Ohio, Indiana, Michigan and Illinois. If your project exists in any of these states, please contact Larry Heady with the above project information at the following e-mail address. Our Midwestern office prefers to receive digital submissions and the project information can be submitted by e-mail.

Larry Heady, THPO
Midwestern Office
125 Dorry Lane, Grants Pass, OR 97527
lheady@delawaretribe.org
(262) 825-7586

We, at the DelawareTribe Historic Preservation Office, along with our Chief and Tribal Council remain committed to protecting the cultural and physical integrity of our historic sites, traditional cultural properties, sacred sites, objects of cultural patrimony, and most importantly, the remains of our Ancestors. We look forward to working with you on our shared interests in preserving and protecting Delaware heritage within our areas of interest.

The notification that 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 unless the project is excluded from SHPO review under Section III D or E of the NPA.

9. SHPO Cara Metz - Massachusetts Historical Commission - 220 Morrissey Boulevard Boston, MA - cara.metz@sec.state.ma.us - 617-727-8470 - electronic mail

10. Deputy SHPO Jeffrey Emidy - Rhode Island Historic Preservation & Heritage Comm - Old State House 150 Benefit St Providence, RI - jeffrey.emidy@preservation.ri.gov - 401-222-4134 - electronic mail

11. SHPO Edward F Sanderson - Rhode Island Historic Preservation & Heritage Comm - Old State House 150 Benefit St Providence, RI - rgreenwood@preservation.ri.gov - 401-222-4130 - electronic mail

12. SHPO Karen J Senich - Connecticut Commission on Culture and Tourism - One Constitution Plaza Hartford, CT - karen.senich@ct.gov - 860-256-2753 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal for PTC wayside poles falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. In addition, a particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance; or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above have opened and reviewed an electronic or regular mail notification. If you learn that any of the above contact information is no longer valid, please contact the FCC by emailing tcnshelp@fcc.gov. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 01/06/2022
Notification ID: 242831
Excluded from SHPO Review: No

Tower Owner Individual or Entity Name: Homeland Towers LLC
Consultant Name: Deborah M Leonardo
Street Address: 567 Vauxhall Street Extension
Suite 311
City: Waterford
State: CONNECTICUT
Zip Code: 06385
Phone: 860-663-1697
Email: dleonardo@allpointstech.com

Structure Type: MTOWER - Monopole
Latitude: 41 deg 10 min 18.8 sec N
Longitude: 73 deg 32 min 36.9 sec W
Location Description: 1837 Ponus Ridge Road
City: New Canaan
State: CONNECTICUT
County: FAIRFIELD

Detailed Description of Project: Homeland is proposing to construct a 110 ft tall faux conifer monopole tower within a new 50X75 ft gravel based fenced equipment compound. An access drive and underground utilities will extend along existing pave drive and new gravel drive.

Ground Elevation: 120.1 meters
Support Structure: 33.5 meters above ground level
Overall Structure: 35.1 meters above ground level
Overall Height AMSL: 155.2 meters above mean sea level

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

https://url.emailprotection.link/?bh_dSvtE3hQyoIY6lBJh3Q6vpaI17LBo_Nz8pvJ9GleA_7ir-Lvx4vllWmpLQFC63NcUnLhQsP1baT9lWAVrtacfs6rkK4j_8zMZylQEyf8yaNDzPm2HukXosv6wasiyk

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Thank you,
Federal Communications Commission

From: towernotifyinfo@fcc.gov
To: [Deb Leonardo](#)
Cc: tcnsweekly@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #7998218
Date: Friday, January 14, 2022 3:00:47 AM

Dear Applicant:

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Our current Procedure requirements in our guidance document entitled "Updated Procedure and Interest narrative 2021" are in effect. If you do not have an updated copy of our procedure, please e-mail Deputy THPO, Michael Johnson, at mejohnson@mptn-nsn.gov for a copy of this document.

Thank You!

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3. THPO James Quinn - Mohegan Indian Tribe - Cultural Preservation Center 1 Church Lane Uncasville, CT - jqquinn@moheganmail.com - 860-862-6893 - electronic mail and regular mail

4. Program Manager Sequahna Mars - Narragansett Indian Tribe - (PO Box: 1354) Charlestown, RI - Sequahna@yahoo.com; Nithpotcns@gmail.com - 401-364-1100 (ext: 203) - electronic mail and regular mail

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If you have a project that has already been paid for or would like to voluntarily pay for, please email documents for project review to THPO@redcliff-nsn.gov. This address is only to be used by Consultants who are voluntarily paying for projects.

If you have any questions, please contact Marvin Defoe, THPO Manager at (715) 779-3700 Ext. 4244 or Edwina Buffalo-Reyes, THPO Assistant at (715) 779-3700Ext. 4243.

7. THPO Sarah E Thompson - Lac du Flambeau Band of Lake Superior Chippewa Indians - Tribal Historic Preservation Office (PO Box: 67) Lac du Flambeau, WI - ldfthpo@ldftribe.com - 715-588-2139 - electronic mail
Exclusions: Effective Immediately:

Please send all submissions through email until further notice. Effective 3/23/2020

Please email all submissions to ldfthpo@ldftribe.com

Thank you

8. Deputy THPO, Archaeologist Susan Bachor - Delaware Tribe of Indians - 126 University Circle Stroud Hall, Rm. 437 East Stroudsburg, PA - sbachor@delawaretribe.org; lheady@delawaretribe.org - 610-761-7452 - electronic mail

Exclusions: The Delaware Tribe of Indians areas of interest include our aboriginal territories (circa 1600), known locations of historic Delaware settlements, routes of removal and forced migration, and all lands of Delaware aboriginal title ceded by treaty to the United States. If you are receiving this notification, then your project falls within these areas of interest and we ask that you provide us with a cover letter describing the project and its location (including the project coordinates) as well as a topographic map showing the project location. If an archaeological survey has already been performed in preparation for the project, please send a copy of that as well. Additionally, we may request a biological assessment of culturally significant treaty resources which may be affected by the proposed undertaking.

We are only interested in consulting on projects that involve ground disturbance that is planned to take place in both undisturbed and previously disturbed contexts. We are not interested in consulting on collocations or projects that involve no ground disturbance. If your project does involve ground disturbance or you do not receive a response from us within 30 days of submitting the above project information, then we have no comments on the project. However, if any archaeological resources or human remains are disturbed at any point in the project planning or construction, we ask that the project be halted until we can be notified of the inadvertent discovery and can determine the most appropriate course of action. If your company would like a formal written response from the Delaware Tribe concerning the potential impact of your project to culturally and religiously significant sites, please contact Susan Bachor at sbachor@delawaretribe.org to request such a response.

In order to better facilitate consultation throughout our areas of interest we have three regional tribal historic preservation offices. While our Tribal Headquarters remains in Oklahoma, our Eastern Office in Pennsylvania is the point of contact for all consultation within our Eastern Region which includes the states of Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia. If your project exists in any of these states, please contact Susan Bachor with the above project information at the following e-mail address. All offices prefer digital submissions and the project information can be submitted by e-mail.

Susan Bachor, Acting Director of Historic Preservation
Eastern Office
126 University Circle
Stroud Hall, Rm. 437
East Stroudsburg PA 18301
(610) 761-7452
sbachor@delawaretribe.org

Our Midwestern office is the point of contact for all consultation within our Midwestern region which includes the states of West Virginia, Ohio, Indiana, Michigan and Illinois. If your project exists in any of these states, please contact Larry Heady with the above project information at the following e-mail address. Our Midwestern office prefers to receive digital submissions and the project information can be submitted by e-mail.

Larry Heady, THPO
Midwestern Office
125 Dorry Lane, Grants Pass, OR 97527
lheady@delawaretribe.org
(262) 825-7586

We, at the DelawareTribe Historic Preservation Office, along with our Chief and Tribal Council remain committed to protecting the cultural and physical integrity of our historic sites, traditional cultural properties, sacred sites, objects of cultural patrimony, and most importantly, the remains of our Ancestors. We look forward to working with you on our shared interests in preserving and protecting Delaware heritage within our areas of interest.

The notification that 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 unless the project is excluded from SHPO review under Section III D or E of the NPA.

9. SHPO Cara Metz - Massachusetts Historical Commission - 220 Morrissey Boulevard Boston, MA - cara.metz@sec.state.ma.us - 617-727-8470 - electronic mail

10. Deputy SHPO Jeffrey Emidy - Rhode Island Historic Preservation & Heritage Comm - Old State House 150 Benefit St Providence, RI - jeffrey.emidy@preservation.ri.gov - 401-222-4134 - electronic mail

11. SHPO Edward F Sanderson - Rhode Island Historic Preservation & Heritage Comm - Old State House 150 Benefit St Providence, RI - rgreenwood@preservation.ri.gov - 401-222-4130 - electronic mail

12. SHPO Karen J Senich - Connecticut Commission on Culture and Tourism - One Constitution Plaza Hartford, CT - karen.senich@ct.gov - 860-256-2753 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal for PTC wayside poles falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. In addition, a particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance; or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above have opened and reviewed an electronic or regular mail notification. If you learn that any of the above contact information is no longer valid, please contact the FCC by emailing tcnshelp@fcc.gov. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 01/06/2022
Notification ID: 242831
Excluded from SHPO Review: No

Tower Owner Individual or Entity Name: Homeland Towers LLC
Consultant Name: Deborah M Leonardo
Street Address: 567 Vauxhall Street Extension
Suite 311
City: Waterford
State: CONNECTICUT
Zip Code: 06385
Phone: 860-663-1697
Email: dleonardo@allpointstech.com

Structure Type: MTOWER - Monopole
Latitude: 41 deg 10 min 18.8 sec N
Longitude: 73 deg 32 min 36.9 sec W
Location Description: 1837 Ponus Ridge Road
City: New Canaan
State: CONNECTICUT
County: FAIRFIELD

Detailed Description of Project: Homeland is proposing to construct a 110 ft tall faux conifer monopole tower within a new 50X75 ft gravel based fenced equipment compound. An access drive and underground utilities will extend along existing pave drive and new gravel drive.

Ground Elevation: 120.1 meters
Support Structure: 33.5 meters above ground level
Overall Structure: 35.1 meters above ground level
Overall Height AMSL: 155.2 meters above mean sea level

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

https://url.emailprotection.link/?bh_dSvtE3hQyoIY6lBJh3Q6vpaI17LBo_Nz8pvJ9GleA_7ir-Lvx4vllWmpLQFC63NcUnLhQsP1baT9lWAVrtacfs6rkK4j_8zMZylQEyf8yaNDzPm2HukXosv6wasiyk

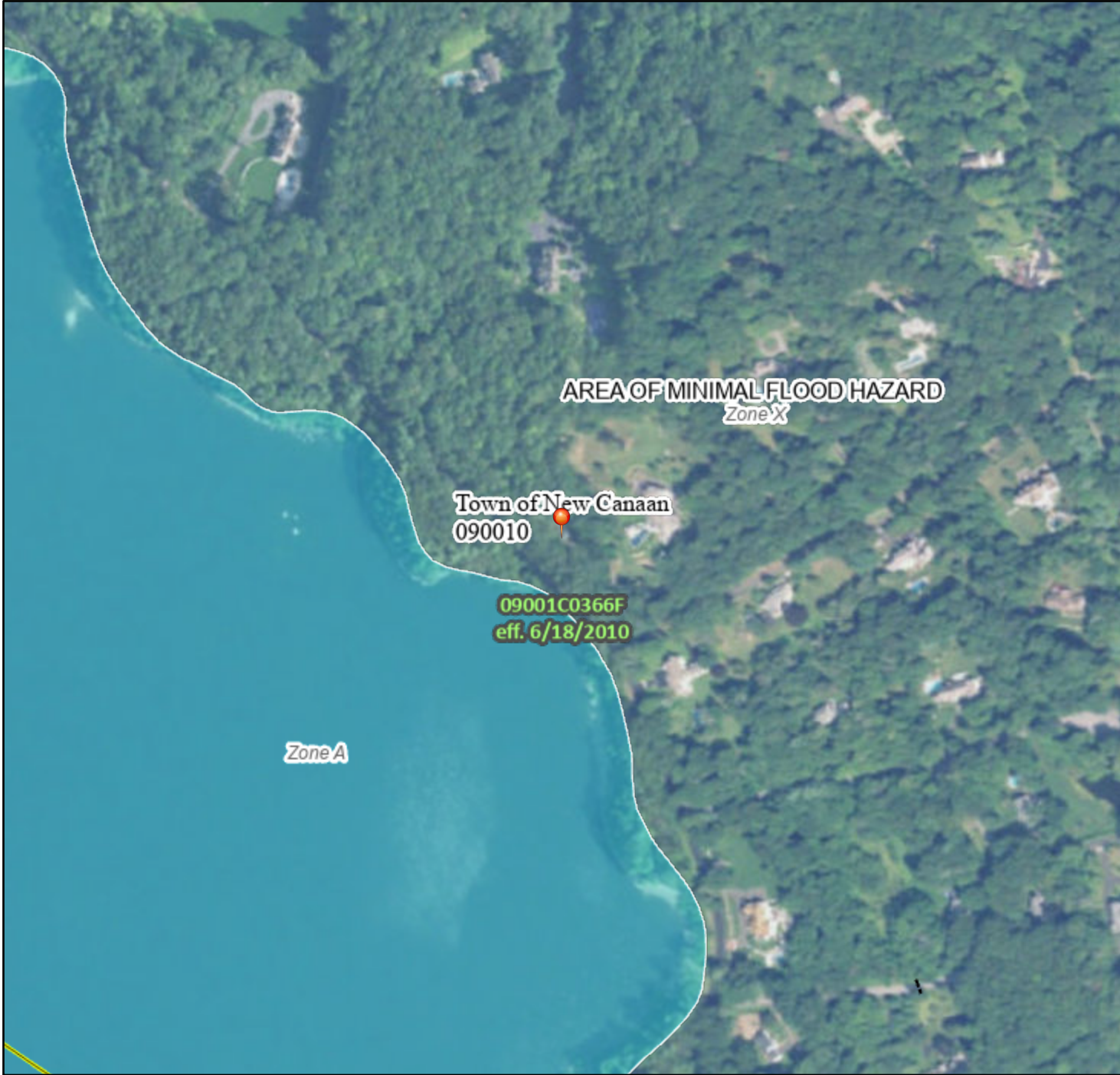
You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8:00 a.m. to 6:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

National Flood Hazard Layer FIRMMette



73°32'54"W 41°10'29"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **11/24/2021 at 6:42 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

WETLAND INSPECTION

September 27, 2021

APT Project No.: CT283860

Prepared For: Homeland Towers, LLC
9 Harmony Street, 2nd Floor
Danbury, CT 06810

Site Name: CT050 New Canaan Northwest

Site Address: 1837 Ponus Ridge Road, New Canaan, Connecticut

Date of Investigation: 6/3/2021

Field Conditions: **Weather:** sunny, low 90's
Soil Moisture: moist

Wetland/Watercourse Delineation Methodology¹:

- ☒ Connecticut Inland Wetlands and Watercourses
☐ U.S. Army Corps of Engineers

Municipal Upland Review Area*: **Wetlands:** 100 feet **Watercourses:** 100 feet

** upland review area is expanded to 100 feet for properties located within public water supply watersheds*

The wetlands inspection was performed by²:



Matthew Gustafson, Registered Soil Scientist

Enclosures: Wetland Delineation Field Form & Wetland Inspection Map

This report is provided as a brief summary of findings from APT's wetland investigation of the referenced Study Area that consists of proposed development activities and areas generally within 200 feet.³ If applicable, APT is available to provide a more comprehensive wetland impact analysis upon receipt of site plans depicting the proposed development activities and surveyed location of identified wetland and watercourse resources.

¹ Wetlands and watercourses were delineated in accordance with applicable local, state and federal statutes, regulations and guidance.

² All established wetlands boundary lines are subject to change until officially adopted by local, state, or federal regulatory agencies.

³ APT has relied upon the accuracy of information provided by Homeland Towers LLC regarding the location and limits of the Study Area for the purposes of identifying wetlands and watercourses.

Attachments

- Wetland Delineation Field Form
- Wetland Inspection Map

Wetland Delineation Field Form

Wetland I.D.:	Wetland 1	
Flag #'s:	WF 1-01 to 1-14	
Flag Location Method:	Site Sketch <input checked="" type="checkbox"/>	GPS (sub-meter) located <input checked="" type="checkbox"/>

WETLAND HYDROLOGY:

NONTIDAL ☒

Intermittently Flooded <input type="checkbox"/>	Artificially Flooded <input type="checkbox"/>	Permanently Flooded <input type="checkbox"/>
Semipermanently Flooded <input type="checkbox"/>	Seasonally Flooded <input type="checkbox"/>	Temporarily Flooded <input type="checkbox"/>
Permanently Saturated <input type="checkbox"/>	Seasonally Saturated/seepage <input checked="" type="checkbox"/>	Seasonally Saturated/perched <input type="checkbox"/>
Comments: Wetland 1 is a narrow hillside seep system with seasonally saturated soils.		

TIDAL ☐

Subtidal <input type="checkbox"/>	Regularly Flooded <input type="checkbox"/>	Irregularly Flooded <input type="checkbox"/>
Irregularly Flooded <input type="checkbox"/>		
Comments: None		

WETLAND TYPE:

SYSTEM:

Estuarine <input type="checkbox"/>	Riverine <input type="checkbox"/>	Palustrine <input checked="" type="checkbox"/>
Lacustrine <input type="checkbox"/>	Marine <input type="checkbox"/>	
Comments: None		

CLASS:

Emergent <input type="checkbox"/>	Scrub-shrub <input type="checkbox"/>	Forested <input checked="" type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input type="checkbox"/>	Wet Meadow <input type="checkbox"/>
Comments: None		

WATERCOURSE TYPE:

Perennial <input type="checkbox"/>	Intermittent <input checked="" type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: Unnamed		
Comments: Intermittent watercourse flows south into Laurel Reservoir, a public water supply, owned by the Aquarion Water Company.		

Wetland Delineation Field Form (Cont.)

SPECIAL AQUATIC HABITAT:

Vernal Pool Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potential <input type="checkbox"/>	Other <input type="checkbox"/>
Vernal Pool Habitat Type: None	
Comments: None	

SOILS:

Are field identified soils consistent with NRCS mapped soils?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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DOMINANT PLANTS:

Red Maple (<i>Acer rubrum</i>)	Spicebush (<i>Lindera benzoin</i>)
Skunk Cabbage (<i>Symplocarpus foetidus</i>)	Green Ash (<i>Fraxinus pennsylvanica</i>)
American Beech (<i>Fagus grandifolia</i>)	Japanese stiltgrass (<i>Microstegium vimineum</i>)

* denotes Connecticut Invasive Species Council invasive plant species

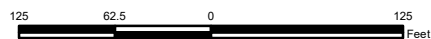
GENERAL COMMENTS:

All-Points Technology Corp., P.C. ("APT") understands that Homeland Towers proposes to construct a wireless telecommunications facility ("Facility") located within forested upland areas in the northeastern portion of the subject property located at 1837 Ponus Ridge Road in New Canaan, Connecticut. The location of the facility consists of mature hardwood upland forest dominated by red, white, and black oak and sugar maple overstory.

One wetland area (Wetland 1) was identified along the subject property's western property boundary. Wetland 1 consists of a broad hillside seep system formed in dense glacial till with an interior diffuse intermittent watercourse the flows to the south/southwest into nearby Laurel Reservoir located across Ponus Ridge Road. Numerous seep outbreaks were observed along the delineated wetland edge of this resource.

Due to the steep topography located between the proposed Facility and Wetland 1, APT recommends a review of the final site plans to assess potential impacts to Wetland 1 due to its sensitivity being a contributing resource to a nearby public water supply resource (Laurel Reservoir). APT recommends appropriate erosion controls are designed, installed, and maintained in accordance with the *2002 Connecticut Guidelines For Soil Erosion and Sediment Control* and additional measures be incorporated into the design due to the property's location within a public water supply watershed and its close proximity to Laurel Reservoir. Such measures would include, but not be limited to, careful construction phasing of erosion controls and soil stabilization techniques to limit the areas of exposed soil at any one time, redundant erosion control measures, etc. APT understands that the details of construction phasing and additional erosion control measures would typically be provided during the Connecticut Siting Council's Development and Management Plan phase should it approve the project.

Map Notes:
Subject property located within Aquarion Water Co.
Public Water Supply Watershed #CT1350011
Base Map Source: 2019 CT Aerial Imagery (CTECO)
Map Scale: 1 inch = 125 feet
Map Date: October 2021



Proposed Wireless
Telecommunications Facility
CT050 - New Canaan Northwest
1837 Ponus Ridge Road
New Canaan, Connecticut



TOWAIR Determination Results

*** NOTICE ***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results

Structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided.

Your Specifications

NAD83 Coordinates

Latitude	41-10-18.9 north
Longitude	073-32-36.9 west

Measurements (Meters)

Overall Structure Height (AGL)	38.1
Support Structure Height (AGL)	33.5
Site Elevation (AMSL)	120.1

Structure Type

MTOWER - Monopole

[Tower Construction Notifications](#)

Notify Tribes and Historic Preservation Officers of your plans to build a tower.

CLOSE WINDOW