

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either “Yes” or “No”. If the answer to the initial question is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information.

Name of Action or Project:		
Project Location (describe, and attach a general location map):		
Brief Description of Proposed Action (include purpose or need):		
Name of Applicant/Sponsor:		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
Project Contact (if not same as sponsor; give name and title/role):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. (“Funding” includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, or Village Board of Trustees <input type="checkbox"/> Yes <input type="checkbox"/> No		
b. City, Town or Village Planning Board or Commission <input type="checkbox"/> Yes <input type="checkbox"/> No		
c. City Council, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input type="checkbox"/> No		
d. Other local agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
e. County agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
g. State agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
h. Federal agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		<input type="checkbox"/> Yes <input type="checkbox"/> No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input type="checkbox"/> Yes <input type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input type="checkbox"/> No

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐ Yes ☐ No

- If Yes, complete sections C, F and G.
- If No, proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☐ Yes ☐ No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐ Yes ☐ No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☐ Yes ☐ No

If Yes, identify the plan(s):

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐ Yes ☐ No

If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☐ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?

b. Is the use permitted or allowed by a special or conditional use permit? ☐ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☐ No

If Yes,

i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? _____

b. What police or other public protection forces serve the project site?

c. Which fire protection and emergency medical services serve the project site?

d. What parks serve the project site?

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)?

b. a. Total acreage of the site of the proposed action? _____ acres

b. Total acreage to be physically disturbed? _____ acres

c. Total acreage (project site and any contiguous properties) owned
or controlled by the applicant or project sponsor? _____ acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☐ No

i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☐ No

If Yes,

i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)

ii. Is a cluster/conservation layout proposed? ☐ Yes ☐ No

iii. Number of lots proposed? _____

iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will proposed action be constructed in multiple phases? ☐ Yes ☐ No

i. If No, anticipated period of construction: _____ months

ii. If Yes:

- Total number of phases anticipated _____

- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year

- Anticipated completion date of final phase _____ month _____ year

- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, show numbers of units proposed.				
	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion	_____	_____	_____	_____
of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, *Monopole is 180' in height. Compound dimensions are 66'x85'.	
i. Total number of structures _____ ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length iii. Approximate extent of building space to be heated or cooled: _____ square feet	

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes,	
i. Purpose of the impoundment: _____ ii. If a water impoundment, the principal source of the water: <input type="checkbox"/> Ground water <input type="checkbox"/> Surface water streams <input type="checkbox"/> Other specify: _____ iii. If other than water, identify the type of impounded/contained liquids and their source. _____ iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____	

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? <input type="checkbox"/> Yes <input type="checkbox"/> No (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) If Yes:	
i. What is the purpose of the excavation or dredging? _____ ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? • Volume (specify tons or cubic yards): _____ • Over what duration of time? _____ iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. _____ _____ _____ iv. Will there be onsite dewatering or processing of excavated materials? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe. _____ _____ _____ v. What is the total area to be dredged or excavated? _____ acres vi. What is the maximum area to be worked at any one time? _____ acres vii. What would be the maximum depth of excavation or dredging? _____ feet viii. Will the excavation require blasting? <input type="checkbox"/> Yes <input type="checkbox"/> No ix. Summarize site reclamation goals and plan: _____ _____ _____ _____	

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes:	
i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____ _____ _____	

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will proposed action cause or result in disturbance to bottom sediments? ☐ Yes ☐ No
If Yes, describe: _____

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation? ☐ Yes ☐ No
If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? ☐ Yes ☐ No
If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☐ Yes ☐ No
If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? ☐ Yes ☐ No
- Is the project site in the existing district? ☐ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☐ No
- Do existing lines serve the project site? ☐ Yes ☐ No

iii. Will line extension within an existing district be necessary to supply the project? ☐ Yes ☐ No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☐ No
If, Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☐ Yes ☐ No
If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? ☐ Yes ☐ No
If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? ☐ Yes ☐ No
- Is the project site in the existing district? ☐ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☐ No

<ul style="list-style-type: none"> • Do existing sewer lines serve the project site? _____ • Will line extension within an existing district be necessary to serve the project? _____ <p>If Yes:</p> <ul style="list-style-type: none"> • Describe extensions or capacity expansions proposed to serve this project: _____ _____ _____ 	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
<p>iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? _____</p> <p>If Yes:</p> <ul style="list-style-type: none"> • Applicant/sponsor for new district: _____ • Date application submitted or anticipated: _____ • What is the receiving water for the wastewater discharge? _____ 	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<p>v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans): _____ _____ _____</p>		
<p>vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____ _____ _____</p>		
<p>e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? _____</p> <p>If Yes:</p> <p>i. How much impervious surface will the project create in relation to total size of project parcel?</p> <p style="padding-left: 40px;">_____ Square feet or _____ acres (impervious surface)</p> <p style="padding-left: 40px;">_____ Square feet or _____ acres (parcel size)</p> <p>ii. Describe types of new point sources. _____ _____</p> <p>iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)? _____ _____</p> <ul style="list-style-type: none"> • If to surface waters, identify receiving water bodies or wetlands: _____ _____ • Will stormwater runoff flow to adjacent properties? _____ 	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
<p>iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? _____</p>		
<p>f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? _____</p> <p>If Yes, identify:</p> <p>i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles) _____</p> <p>ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers) _____</p> <p>iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation) _____</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
<p>g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? _____</p> <p>If Yes:</p> <p>i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) _____</p> <p>ii. In addition to emissions as calculated in the application, the project will generate:</p> <ul style="list-style-type: none"> • _____ Tons/year (short tons) of Carbon Dioxide (CO₂) • _____ Tons/year (short tons) of Nitrous Oxide (N₂O) • _____ Tons/year (short tons) of Perfluorocarbons (PFCs) • _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆) • _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs) • _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs) 		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No

<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Estimate methane generation in tons/year (metric): _____</p> <p>ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____</p>			
<p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____</p>			
<p>j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. When is the peak traffic expected (Check all that apply): <input type="checkbox"/> Morning <input type="checkbox"/> Evening <input type="checkbox"/> Weekend <input type="checkbox"/> Randomly between hours of _____ to _____.</p> <p>ii. For commercial activities only, projected number of semi-trailer truck trips/day: _____</p> <p>iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____</p> <p>iv. Does the proposed action include any shared use parking? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____</p> <p>vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>			
<p>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Estimate annual electricity demand during operation of the proposed action: _____</p> <p>ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____</p> <p>iii. Will the proposed action require a new, or an upgrade to, an existing substation? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>			
<p>l. Hours of operation. Answer all items which apply.</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ </td> <td style="width: 50%; vertical-align: top;"> <p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ </td> </tr> </table>		<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____
<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ 		

<p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Provide details including sources, time of day and duration:</p> <p>_____</p> <p>_____</p>	
<p>ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: _____</p> <p>_____</p>	
<p>n.. Will the proposed action have outdoor lighting? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</p> <p>_____</p> <p>_____</p>	
<p>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: _____</p> <p>_____</p>	
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____</p> <p>_____</p> <p>_____</p>	
<p>p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Product(s) to be stored _____</p> <p>ii. Volume(s) _____ per unit time _____ (e.g., month, year)</p> <p>iii. Generally describe proposed storage facilities: _____</p> <p>_____</p>	
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe proposed treatment(s):</p> <p>_____</p> <p>_____</p> <p>_____</p>	
<p>ii. Will the proposed action use Integrated Pest Management Practices? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe any solid waste(s) to be generated during construction or operation of the facility:</p> <ul style="list-style-type: none"> • Construction: _____ tons per _____ (unit of time) • Operation : _____ tons per _____ (unit of time) <p>ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <ul style="list-style-type: none"> • Construction: _____ _____ • Operation: _____ _____ <p>iii. Proposed disposal methods/facilities for solid waste generated on-site:</p> <ul style="list-style-type: none"> • Construction: _____ _____ • Operation: _____ _____ 	

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☐ No
 If Yes:
 i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____
 ii. Anticipated rate of disposal/processing:
 • _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
 • _____ Tons/hour, if combustion or thermal treatment
 iii. If landfill, anticipated site life: _____ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☐ No
 If Yes:
 i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

 ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

 iii. Specify amount to be handled or generated _____ tons/month
 iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

 v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No
 If Yes: provide name and location of facility: _____

 If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site			
a. Existing land uses. i. Check all uses that occur on, adjoining and near the project site. <input type="checkbox"/> Urban <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential (suburban) <input type="checkbox"/> Rural (non-farm) <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other (specify): _____ ii. If mix of uses, generally describe: _____ _____			
b. Land uses and covertypes on the project site.			
Land use or Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces			
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____ _____			

<p>c. Is the project site presently used by members of the community for public recreation? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>i. If Yes: explain: _____</p>	
<p>d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes,</p> <p>i. Identify Facilities: _____</p> <p>_____</p>	
<p>e. Does the project site contain an existing dam? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Dimensions of the dam and impoundment:</p> <ul style="list-style-type: none"> • Dam height: _____ feet • Dam length: _____ feet • Surface area: _____ acres • Volume impounded: _____ gallons OR acre-feet <p>ii. Dam's existing hazard classification: _____</p> <p>iii. Provide date and summarize results of last inspection: _____</p> <p>_____</p>	
<p>f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Has the facility been formally closed? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <ul style="list-style-type: none"> • If yes, cite sources/documentation: _____ <p>ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: _____</p> <p>_____</p> <p>iii. Describe any development constraints due to the prior solid waste activities: _____</p> <p>_____</p>	
<p>g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: _____</p> <p>_____</p>	
<p>h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><input type="checkbox"/> Yes – Spills Incidents database</p> <p><input type="checkbox"/> Yes – Environmental Site Remediation database</p> <p><input type="checkbox"/> Neither database</p> </div> <div style="width: 50%;"> <p>Provide DEC ID number(s): _____</p> <p>Provide DEC ID number(s): _____</p> </div> </div> <p>ii. If site has been subject of RCRA corrective activities, describe control measures: _____</p> <p>_____</p> <p>iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, provide DEC ID number(s): _____</p> <p>iv. If yes to (i), (ii) or (iii) above, describe current status of site(s): _____</p> <p>_____</p>	

v. Is the project site subject to an institutional control limiting property uses? <input type="checkbox"/> Yes <input type="checkbox"/> No <ul style="list-style-type: none"> • If yes, DEC site ID number: _____ • Describe the type of institutional control (e.g., deed restriction or easement): _____ • Describe any use limitations: _____ • Describe any engineering controls: _____ • Will the project affect the institutional or engineering controls in place? <input type="checkbox"/> Yes <input type="checkbox"/> No • Explain: _____ _____ 	
E.2. Natural Resources On or Near Project Site	
a. What is the average depth to bedrock on the project site? _____ feet	
b. Are there bedrock outcroppings on the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %	
c. Predominant soil type(s) present on project site: _____ % _____ % _____ %	
d. What is the average depth to the water table on the project site? Average: _____ feet	
e. Drainage status of project site soils: <input type="checkbox"/> Well Drained: _____ % of site <input type="checkbox"/> Moderately Well Drained: _____ % of site <input type="checkbox"/> Poorly Drained _____ % of site	
f. Approximate proportion of proposed action site with slopes: <input type="checkbox"/> 0-10%: _____ % of site <input type="checkbox"/> 10-15%: _____ % of site <input type="checkbox"/> 15% or greater: _____ % of site	
g. Are there any unique geologic features on the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, describe: _____ _____	
h. Surface water features. i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? <input type="checkbox"/> Yes <input type="checkbox"/> No ii. Do any wetlands or other waterbodies adjoin the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i. iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? <input type="checkbox"/> Yes <input type="checkbox"/> No iv. For each identified regulated wetland and waterbody on the project site, provide the following information: <ul style="list-style-type: none"> • Streams: Name _____ Classification _____ • Lakes or Ponds: Name _____ Classification _____ • Wetlands: Name _____ Approximate Size _____ • Wetland No. (if regulated by DEC) _____ 	
v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, name of impaired water body/bodies and basis for listing as impaired: _____ _____	
i. Is the project site in a designated Floodway? <input type="checkbox"/> Yes <input type="checkbox"/> No	
j. Is the project site in the 100 year Floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No	
k. Is the project site in the 500 year Floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No	
l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <ul style="list-style-type: none"> i. Name of aquifer: _____ 	

<p>m. Identify the predominant wildlife species that occupy or use the project site: _____</p> <p>_____</p> <p>_____</p>	
<p>n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes: (See attached letter from the U.S. Fish and Wildlife Service & Dept. of the Interior)</p> <p>i. Describe the habitat/community (composition, function, and basis for designation): _____</p> <p>_____</p> <p>ii. Source(s) of description or evaluation: _____</p> <p>iii. Extent of community/habitat: _____</p> <ul style="list-style-type: none"> • Currently: _____ * acres (*As identified by the NYSDEC EAF Mapper) • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres 	
<p>o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, give a brief description of how the proposed action may affect that use: _____</p> <p>_____</p>	
<p>E.3. Designated Public Resources On or Near Project Site</p>	
<p>a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, provide county plus district name/number: _____</p>	
<p>b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>i. If Yes: acreage(s) on project site? _____</p> <p>ii. Source(s) of soil rating(s): _____</p>	
<p>c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature</p> <p>ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____</p> <p>_____</p> <p>_____</p>	
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes: (See attached letter from the U.S. Fish and Wildlife Service & Dept. of the Interior)</p> <p>i. CEA name: _____</p> <p>ii. Basis for designation: _____</p> <p>iii. Designating agency and date: _____</p>	

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places? If Yes: (See attached Phase I Archaeological Survey Prepared by CBRE and SHPO Concurrence Documentation)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
i. Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District ii. Name: _____ iii. Brief description of attributes on which listing is based: _____	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? (See attached Phase I Archaeological Survey Prepared by CBRE and SHPO Concurrence Documentation)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resources been identified on the project site? If Yes: (See attached Phase I Archaeological Survey Prepared by CBRE and SHPO Concurrence Documentation)	
i. Describe possible resource(s): _____ ii. Basis for identification: _____	
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? If Yes:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
i. Identify resource: Hudson River ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____ iii. Distance between project and resource: _____ ±3.0 miles.	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? If Yes:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
i. Identify the name of the river and its designation: _____ ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	

F. Additional Information

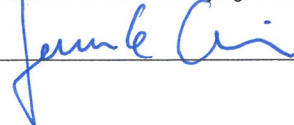
Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

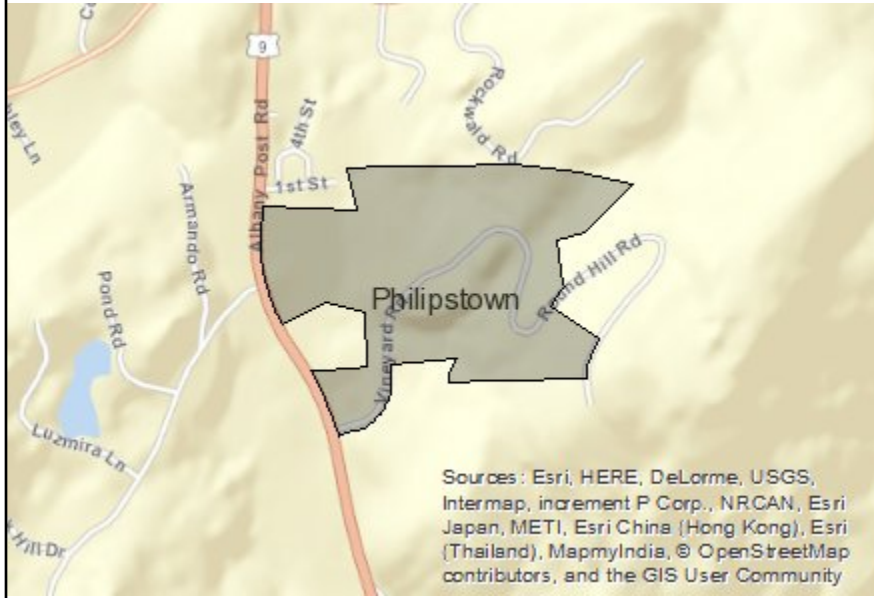
G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name JMC Planning Engineering Landscape Date 08/18/2017
Architecture & Land Surveying, PLLC

Signature James E. Caris  Title Project Manager

PRINT FORM



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters, NYS Wetland
E.2.h.iv [Surface Water Features - Wetlands Size]	NYS Wetland (in acres):39.7
E.2.h.iv [Surface Water Features - DEC Wetlands Number]	WP-9
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No

E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	Yes
E.2.n.i [Natural Communities - Name]	Red Cedar Rocky Summit, Appalachian Oak-Hickory Forest, Chestnut Oak Forest, Oak-Tulip Tree Forest
E.2.n.i [Natural Communities - Acres]	20.86, 2059.0, 7421.4, 782.9
E.2.o. [Endangered or Threatened Species]	Yes
E.2.p. [Rare Plants or Animals]	Yes
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National Register of Historic Places]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	No
E.3.i. [Designated River Corridor]	No

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program
625 Broadway, 5th Floor, Albany, New York 12233-4757
Phone: (518) 402-8935 • **Fax:** (518) 402-8925
Website: www.dec.ny.gov



August 17, 2016

Christopher Bond
CBRE Inc.
4 West Red Oak Lane
White Plains, NY 10604

Re: "NY171-Philipstown" wireless telecommunications facility, Vineyard Road, Cold Spring (CBRE Project No.: TS60615701)

Town/City: Philipstown.

County: Putnam.

Dear Christopher Bond:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

Enclosed is a report of rare or state-listed animals and plants, and significant natural communities that our database indicates occur in the vicinity of the project site.

In addition to the species listed in the enclosed report, a high-quality occurrence of oak-tulip tree forest is mapped near the project site, on the north side of Route 301 in Clarence Fahnestock State Park. High-quality occurrences of other forest types in the State Park within .5 mile of the project site. As long as impacts from the proposed project are confined to the project site itself, we do not expect any significant impacts on these forests.

For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our database. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

The presence of the plants and animals identified in the enclosed report may result in this project requiring additional review or permit conditions. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the NYS DEC Region 3 Office, Division of Environmental Permits, as listed at www.dec.ny.gov/about/39381.html.

Sincerely,

A handwritten signature in black ink that reads "Nick Conrad".

Nicholas Conrad
Information Resources Coordinator
New York Natural Heritage Program



**The following state-listed animals have been documented
in the vicinity of your project site.**

The following list includes animals that are listed by NYS as Endangered, Threatened, or Special Concern; and/or that are federally listed or are candidates for federal listing.

For information about any permit considerations for your project, please contact the Permits staff at the NYSDEC Region 3 Office at dep.r3@dec.ny.gov, (845) 256-3054. For information about potential impacts of your project on these species, and how to avoid, minimize, or mitigate any impacts, contact the Region 3 Wildlife staff at Wildlife.R3@dec.ny.gov, (845) 256-3098.

The following species have been documented within .25 mile of the project site.

COMMON NAME	SCIENTIFIC NAME	NY STATE LISTING	FEDERAL LISTING	
New England Cottontail	<i>Sylvilagus transitionalis</i>	Special Concern		12107

The following species have been documented within 3.5 miles of the project site. Individual animals may travel 5 miles from documented locations.

The main impact of concern for bats is the removal of potential roost trees.

COMMON NAME	SCIENTIFIC NAME	NY STATE LISTING	FEDERAL LISTING	
Northern Long-eared Bat <i>Hibernaculum</i>	<i>Myotis septentrionalis</i>	Threatened	Threatened	14189

This report only includes records from the NY Natural Heritage database. For most sites, comprehensive field surveys have not been conducted, and we cannot provide a definitive statement as to the presence or absence of all rare or state-listed species. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

If any rare plants or animals are documented during site visits, we request that information on the observations be provided to the New York Natural Heritage Program so that we may update our database.

Information about many of the listed animals in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, and from NYSDEC at www.dec.ny.gov/animals/7494.html.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 3
21 South Putt Corners Road, New Paltz, NY 12561-1620
P: (845) 256-3054 | F: (845) 255-4659
www.dec.ny.gov



Department of
Environmental
Conservation

September 27, 2016

CBRE, Inc.
Attn: Chris Bond
4 West Red Oak Lane
White Plains, NY 10604

**RE: Vineyard Road Telecommunications Facility
Permit Jurisdiction Determination
Town of Philipstown, Putnam County
CH#: 6667**

Dear Mr. Bond:

The New York State Department of Environmental Conservation (DEC or Department) has reviewed the submitted information regarding the above referenced project. Homeland Towers, LLC, is proposing to construct a telecommunications facility off of Vineyard Road in the Town of Philipstown, Putnam County. The proposed facility includes the installation of a 199 foot tall monopole towers, with ancillary equipment within a 66 foot by 85 foot leased parcel. A twelve foot wide access road will be installed from the leased parcel to Vineyard Road.

Based upon our review of your inquiry dated August 23, 2016, we offer the following comments:

PROTECTION OF WATERS

There are no waterbodies that appear on our regulatory maps at the location identified. Therefore, if there is a stream or pond outlet present at the site with year-round flow, it assumes the classification of the watercourse into which it feeds, an unnamed pond, class C, and a Protection of Waters permit is not required. If there is a stream or pond outlet present at the site that runs intermittently (seasonally), it is not protected, and a Protection of Waters permit is not required.

If a permit is not required, please note, however, you are still responsible for ensuring that work shall not pollute any stream or waterbody. Care shall be taken to stabilize any disturbed areas promptly after construction, and all necessary precautions shall be taken to prevent contamination of the stream or waterbody by silt, sediment, fuels, solvents, lubricants, or any other pollutant associated with the project.



Department of
Environmental
Conservation

-OVER PLEASE -

FRESHWATER WETLANDS

The project site is not within a New York State protected Freshwater Wetland. However, the project sponsor should contact the town officials and the United States Army Corps of Engineers in New York City, telephone (917) 790-8511 (Westchester/Rockland Counties), or (917) 790-8411 (other counties), for any permitting they might require.

STATE-LISTED SPECIES

DEC has reviewed the State's Natural Heritage records. We have determined that the site is located within or near known occurrences of the following state-listed species: Northern long-eared bat, *Myotis septentrionalis* (threatened).

According to the provided information, all tree removal is proposed to occur between October 1 and March 31. Please be aware that, in order to avoid direct adverse impacts to the Northern long-eared bat, all tree removal should occur between **November 1 and March 31** while the bats are in hibernacula. Please see the below link for additional information regarding this species and the associated regulations: <http://www.dec.ny.gov/animals/106090.html>.

In addition, there are New England Cottontail, *Sylvilagus transitionalis*, are also known to be in or near the identified project area. Please note that this species is not listed, therefore the following is solely a recommendation to reduce potential impacts to this species. The Department recommends that shrubs be left on site and mowing activities be reduced to maintain natural shrub-land habitats.

For technical questions regarding either of the above species, please contact Elaina Burns of Wildlife at (845) 256-3827.

The absence of data does not necessarily mean that rare or other state-listed species, natural communities or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain information which indicates their presence. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

CULTURAL RESOURCES

We have reviewed the statewide inventory of archaeological resources maintained by the New York State Museum and the New York State Office of Parks, Recreation, and Historic Preservation. These records indicate that the project is not located within an area considered to be sensitive with regard to archaeological or historical resources. For more information, please visit the New York State Office of Historic Preservation website at <http://www.nysparks.com/shpo/>.

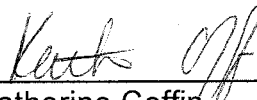
Date: September 27, 2016

OTHER

Please note that this letter only addresses the requirements for the following permits from the Department: Protection of Waters, State-listed Species, and Freshwater Wetlands. Other permits from this Department or other agencies may be required for projects conducted on this property now or in the future. Also, regulations applicable to the location subject to this determination occasionally are revised and you should, therefore, verify the need for permits if your project is delayed or postponed. This determination regarding the need for permits will remain effective for a maximum of one year unless you are otherwise notified. Applications may be downloaded from our website at www.dec.ny.gov under "Programs" then "Division of Environmental Permits."

Please contact this office if you have questions regarding the above information. Thank you.

Sincerely,



Katherine Coffin
Division of Environmental Permits
Region 3, Telephone No. (845) 256-3158

Cc: Elaina Burns, R3 DEC

NOTE: Regarding erosion/sedimentation control requirements:

Stormwater discharges require a State Pollutant Discharge Elimination System (SPDES) Stormwater permit from this Department if they either:

- occur at industrial facilities and contain either toxic contaminants or priority pollutants OR
- result from construction projects involving the disturbance of 5000 square feet or more of land within the NYC Department of Environmental Protection East of Hudson Watershed or for proposed disturbance of 1 acre or more of land outside the NYC DEP Watershed

Your project may be covered by one of two Statewide General Permits or may require an individual permit. For information on stormwater and the general permits, see the DEC website at <http://www.dec.ny.gov/chemical/8468.html>.

For construction permits, if this site is within an MS4 area (Municipal Separate Storm Sewer System), the stormwater plan must be reviewed and accepted by the municipality and the MS-4 Acceptance Form must be submitted to the Department. If the site is not within an MS4 area and other DEC permits are required, please contact the regional Division of Environmental Permits.



United States Department of the Interior

FISH AND WILDLIFE SERVICE

3817 Luker Road
Cortland, NY 13045



August 19, 2016

Mr. Christopher Bond
Project Manager - Biologist
CBRE, Inc.
4 West Red Oak Lane
White Plains, NY 10604

Dear Mr. Bond:

This responds to your July 21, 2016, letter regarding a telecommunications facility known as "NY171-Philipstown" proposed near Vineyard Road, Town of Cold Spring, Putnam County, New York. As you are aware, federal agencies, such as the Federal Communications Commission (FCC), have responsibilities under Section 7 of the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) to consult with the U.S. Fish and Wildlife Service (Service) regarding projects that may affect federally-listed species or designated critical habitat, and confer with the Service regarding projects that are likely to jeopardize federally-proposed species or adversely modify proposed critical habitat. We understand that all FCC licensees, applicants, tower companies, and their representatives have been designated the FCC's non-federal representative for the purposes of completing informal consultation pursuant to Section 7(a)(2) of the ESA.

On behalf of the FCC, CBRE, Inc., has determined that the proposed project will have "no effect" on the federally-listed bog turtle (*Clemmys* [= *Glyptemys*] *muhlenbergii*; Threatened) as no suitable habitat for this species was found within or near the project area. The Service acknowledges this determination.

CBRE, Inc., also has determined that the proposed project "may affect, but is not likely to adversely affect" the federally-listed Indiana bat (*Myotis sodalis*; Endangered) and the northern long-eared bat (*Myotis septentrionalis*; Threatened). The Service concurs with your determination given that no known roosts are located within or near the project area, a small amount of trees (approximately 0.192 acre) are proposed for removal, and the following conservation measures will be incorporated into the project area to avoid and minimize impacts to this bat species:

- Tree removal will occur between October 31 and March 31, when bats are in hibernation;

- Bright orange construction fencing and flagging will be used to demarcate trees to be protected compared with those to be cut prior to the initiation of any construction;
- Artificial dyes, coloring, insecticide, algacide, and/or herbicides will not be used around waterbodies for long-term maintenance of the property; and
- The number of lights will be limited and lights will include motion sensors, be shielded, and directed downward toward the ground and buildings.

Should project plans change, or if additional information on listed or proposed species or critical habitat becomes available, this determination may be reconsidered. The most recent compilation of federally-listed and proposed endangered and threatened species in New York is available for your information. Until the proposed project is complete, we recommend that you check our website every 90 days from the date of this letter to ensure that listed species presence/absence information for the proposed project is current.*

Any additional information regarding the proposed project and its potential to impact listed species should be coordinated with both this office and with the New York State Department of Environmental Conservation.

The above comments pertaining to endangered species under our jurisdiction are provided pursuant to the ESA. We also offer the following comments pursuant to the Migratory Bird Treaty Act (40 Stat. 755; 16 U.S.C. 703-712). The proposed project was designed to incorporate the guidance provided by the Service's September 2013 Revised Voluntary Guidelines for Communication Tower Design, Siting, Construction, Operation, Retrofitting, and Decommissioning to avoid and minimize impacts to migratory birds (*i.e.*, no guy wires, reduced tower height). The Service acknowledges these efforts.

Thank you for your time. If you require additional information or assistance please contact Noelle Rayman-Metcalf at (607) 753-9334. Future correspondence with us on this project should reference project file 16I2049.

Sincerely,

Anne L. Secord

for David A. Stilwell
Field Supervisor

*Additional information referred to above may be found on our website at:
<http://www.fws.gov/northeast/nyfo/es/section7.htm>

cc: NYSDEC, New Paltz, NY (Env. Permits)



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New York Ecological Services Field Office
3817 LUKER ROAD
CORTLAND, NY 13045
PHONE: (607)753-9334 FAX: (607)753-9699
URL: www.fws.gov/northeast/nyfo/es/section7.htm

Consultation Code: 05E1NY00-2016-SLI-2049

July 14, 2016

Event Code: 05E1NY00-2016-E-04564

Project Name: NY171-Philipstown - TS60615701

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 *et seq.*). This list can also be used to determine whether listed species may be present for projects without federal agency involvement. New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list.

Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC site at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list. If listed, proposed, or candidate species were identified as potentially occurring in the project area, coordination with our office is encouraged. Information on the steps involved with assessing potential impacts from projects can be found at: <http://www.fws.gov/northeast/nyfo/es/section7.htm>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (

http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the Services wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the ESA. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment



United States Department of Interior
Fish and Wildlife Service

Project name: NY171-Philipstown - TS60615701

Official Species List

Provided by:

New York Ecological Services Field Office

3817 LUKER ROAD

CORTLAND, NY 13045

(607) 753-9334

<http://www.fws.gov/northeast/nyfo/es/section7.htm>

Consultation Code: 05E1NY00-2016-SLI-2049

Event Code: 05E1NY00-2016-E-04564

Project Type: COMMUNICATIONS TOWER

Project Name: NY171-Philipstown - TS60615701

Project Description: A 199' monopole within a 5,610 sq ft fenced compound area is proposed. An access road is proposed to connect the proposed compound to Vineyard Road to the southwest.

Please Note: The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.



United States Department of Interior
Fish and Wildlife Service

Project name: NY171-Philipstown - TS60615701

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-73.90994846820831 41.43202089329613, -73.90934765338898 41.43258798239881, -73.90966415405273 41.43272472654746, -73.9098572731018 41.4325397196893, -73.90962660312653 41.43242710656097, -73.9100182056427 41.43205306869692, -73.90994846820831 41.43202089329613)))

Project Counties: Putnam, NY



United States Department of Interior
Fish and Wildlife Service

Project name: NY171-Philipstown - TS60615701

Endangered Species Act Species List

There are a total of 3 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Mammals	Status	Has Critical Habitat	Condition(s)
Indiana bat (<i>Myotis sodalis</i>) Population: Entire	Endangered		
Northern long-eared Bat (<i>Myotis septentrionalis</i>)	Threatened		
Reptiles			
Bog Turtle (<i>Clemmys muhlenbergii</i>) Population: northern	Threatened		



United States Department of Interior
Fish and Wildlife Service

Project name: NY171-Philipstown - TS60615701

Critical habitats that lie within your project area

There are no critical habitats within your project area.



PHASE I ARCHAEOLOGICAL SURVEY

Proposed Wireless Telecommunications Site

**NY171-Philipstown
Vineyard Road
Cold Spring, Putnam County, New York**

NY SHPO Project Review Number: TBD

Prepared for:

**Homeland Towers
22 Shelding Rock Lane
Building C
Danbury, CT 06810**

Prepared by:

**CBRE Telecom Advisory Services
4 West Red Oak Lane
White Plains, New York 10604**

CBRE

**July 8th 2016
CBRE Project No.:TS60615701**

Management Summary

CBRE **TS60615701**

Involved State and Federal Agencies (DEC, CORPS, FHWA, etc.): **FCC**

Phase of Survey **Phase I Site Identification**

Local Information

Site Name: **NY171-Philipstown**

Site Number: **TS60615701**

Location: **Vineyard Road**

Minor Civil Division: **Philipstown**

County: **Putnam**

USGS 7.5 Minute Quadrangle Map: **West Point, New York 2013**

UTM Coordinates (Standard): **591129.4, 4587364.2**

Latitude (WGS84 Datum): **41°25'57.64"N**

Longitude (WGS84 Datum): **73°54'33.41"W**

Project Information

The proposed undertaking includes the construction of a monopole structure and equipment storage shelter within an 86' (18.23 m) by 66' (20.1m) rectangular lease area. The undertaking also includes a 300' (91.4 m) utility easement that connects to Vineyard Road south of the project area. The project area is an area that is lightly forested. The overall acreage of the proposed impact area is ± 0.19 acres (0.08 hectares).

Total Area to Be Disturbed: **8676 ft² (2645 m²) ± 0.19 acres (0.08 hectares)**

Transect Interval: **50' (15.24m)**

Number & Interval of Shovel Tests: **13 STPs**

Number of Acres Surveyed: **29,300 ft² (8932.9 m²) or 0.67 acres (0.27 hectares)**

Number & name(s) of site(s) identified: **0**

Number of buildings/structures/cemeteries within the APE-DE: **0**

Number of previously determined NR listed/ eligible buildings/structures/cemeteries/districts in the APE-DE: **0**

Hours Spent on Fieldwork and Survey: **3 person hours**

Report Author(s): **Beth Selig, MA, RPA.**

Date of Field Survey: **June 21, 2016**

Report Date: **July 8, 2016**

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Phase 1A Literature Search and Sensitivity Assessment

1.0 NY171-Philipstown Tower Scope & Limitations

In June of 2016, Hudson Valley Cultural Resource Consultants (HVCRC), on behalf of CBRE Telecom Advisory Services, completed a Phase 1 Cultural Resource Survey of the proposed NY171-Philipstown Tower location in the Town of Cold Spring, Putnam County, New York. The background research, as well as the cultural and environmental overviews were completed by Beth Selig, MA, RPA, President and Principal Investigator with HVCRC. Ms. Selig has a Master's degree from SUNY Empire State College and has more than 15 years of experience in the CRM/Archaeology industry. Phase 1B testing was completed on June 21, 2016 by Frank Spada and Matt Chmura, under the direction of Beth Selig. Mr. Spada completed his Master's degree at the State University of New York at New Paltz and has more than 35 years of experience working as an Archaeologist in CRM/Archaeology in the United States. Mr. Chmura is completing his Bachelor's degree in Archaeology at SUNY Binghamton.

This cultural resource report and supporting materials were edited and reviewed by Stephanie Roberg-Lopez, MA, RPA who received her Master's degree in Archaeology from Yale University and has more than 30 years of experience in CRM/Archaeology in the United States, as well as additional experience in Yorkshire England and South America.

All work was completed in accordance with the Standards for Cultural Resource Investigations and the Curation of Archeological Collections published by the New York Archeological Council (NYAC) and recommended for use by New York State Office of Parks, Recreation and Historic Preservation (OPRHP). The report complies with New York State OPRHP's Phase 1 Archaeological Report Format Requirements, established in 2005. Furthermore this report complies with the Wyandotte Nation Archaeological Procedures established in September 2013.

The Federal Communications Commission (FCC) requires licensees and their representatives to consider the effects of their actions on historic properties in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended, and the National Environmental Policy Act of 1969 (NEPA) (Federal Communications Commission 1996). Historic properties include Native American or European American archaeological sites, architectural resources (historic districts and standing structures), objects, and traditional cultural properties. Applicants are required to assess and report all potential environmental effects as part the Section 106 process prior to construction.



Figure 1: 2013 West Point USGS Topographical Quadrangle. (Source: USGS.gov). Scale: 1"=660'.



Figure 2: 2016 Aerial Image showing the project area. (Source: Google Earth). Scale: 1"=190'.

2.0 Site Description

The proposed undertaking includes the construction of a monopole structure and equipment storage shelter within an 86' (18.23 m) by 66' (20.1m) rectangular lease area. The undertaking also includes a 300' (91.4 m) access and utility easement that connects to Vineyard Road south of the project area. The project area is an area that is lightly forested. The overall acreage of the proposed impact area is \pm 0.19 acres (0.08 hectares). The field team utilized GPS data to determine the accurate location of the project area and during the surface inspection and field work. Field work involved three person hours.

On June 21, 2016 the existing conditions within the project area were assessed and the site was photographed. The project area is located in a lightly forested area on the northern side of Vineyard Road. The proposed access and utility corridor crosses over a drainage culvert that drains a small pond located to the east of the proposed access and utility corridor. The surface conditions consist of a lightly forested area.

3.0 Environmental Conditions

The location of the proposed tower compound is a flat surface area with an elevation of 683' (208.2 m) above Mean Sea Level (AMSL). The project area is accessed from Vineyard Road.

Ecology

The project area lies in a vegetation zone where the Northern Hardwood Forest Zone meets the Appalachian Oak Forest Zone. In the Northern Hardwood Forest Zone, sugar maple, birch, beech and hemlock are the predominant trees in this type of forest (Bailey 1995).

Geology

The project area is situated within the Ridge and Valley physiographic province, which extends from Lake Champlain to Alabama. The portion of the Ridge and Valley Province in which the project area is located is specifically identified as the Taconic Allochthon, bordered to the east by the Manhattan Prong and to the west by the Great Valley province (Schubert, 1968).

The Hudson Highlands area is a northeast-southwest trending band of igneous and metamorphic rock, which extends from New England through New York, crossing the Hudson River in the vicinity of Cold Spring and West Point. Because of their structural origin and their durability, the Hudson Highlands reach a higher elevation than the physiographic provinces that border them, such as the Hudson-Mohawk Lowlands to the north and the Piedmont Triassic Lowlands to the south. The Hudson Highlands are almost entirely blanketed by a thin layer of glacial till, with frequent bedrock outcrops. Outwash sand and gravel occupy some of the river and stream valleys that border and run through the Highlands (Spectra 2004: Appendix C).

Drainage

The NY171-Philipstown tower site is located 183' (55.7 m) west of a small unnamed stream. A small pond is located adjacent to the proposed access road that drains through a culvert underneath the proposed access road. The aerial image reviewed for the project area indicate that the pond was constructed between 1994 and 1998.

Soils

The characteristics of the soils within the project area have an important impact on the potential for the presence of cultural material, since the types of soils present affected the ability of an area to support human populations. The Natural Resources Conservation Service indicates that the soils within the project area are well drained sandy loam.

Table 1: Soil Unit Descriptions for the project area					
Map Unit Symbol	Map Unit Name	Soil Horizons & Texture	Slope	Drainage	Landform
PnC	Paxton fine sandy loam	Ap - 0 to 8 inches: fine sandy loam Bw1 - 8 to 15 inches: fine sandy loam Bw2 - 15 to 26 inches: fine sandy loam Cd - 26 to 65 inches: gravelly fine sandy loam	8 to 15%	Well Drained	Drumlins, ground moraines, hills
PnD	Paxton fine sandy loam	Ap - 0 to 8 inches: fine sandy loam Bw1 - 8 to 15 inches: fine sandy loam Bw2 - 15 to 26 inches: fine sandy loam Cd - 26 to 65 inches: gravelly fine sandy loam	15 to 25%	Well Drained	Drumlins, ground moraines, hills

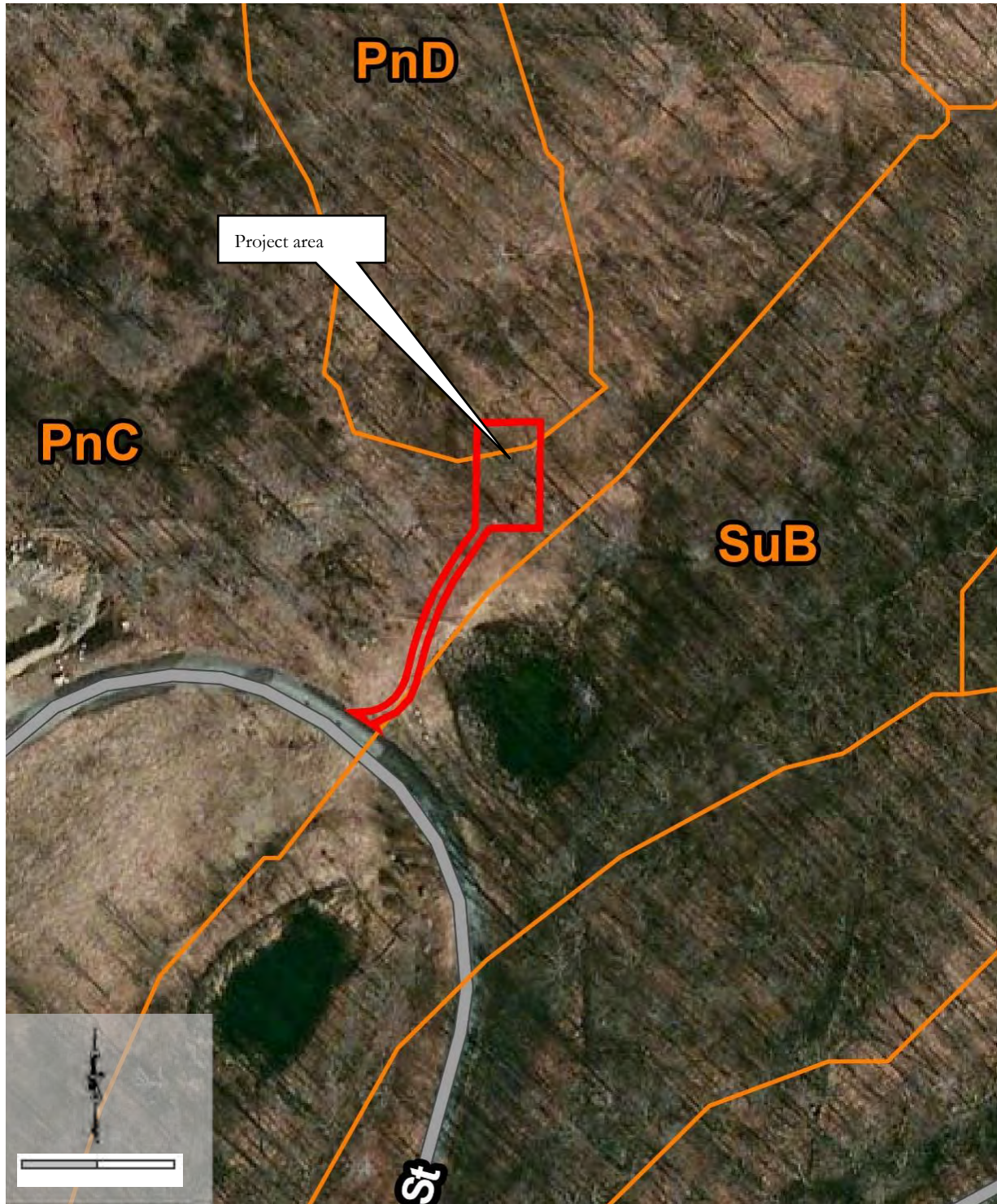


Figure 3: Aerial Image showing soil units within the project area. (Source: Natural Resources Conservation Service) Scale 1" = 165'.



Photo 1: View south from the center of the project area along the proposed access and utility corridor.



Photo 2: View west from the center of the project area.



Photo 3: View north from the center of the project area. The landscape is forested with a thick understory.



Photo 4: View east from the center of the project area.

4.0: Historic Context

The following discussion of historic and cartographic research provides information concerning the likelihood of encountering Map Documented Structures (MDS) and other intact historic cultural resources within the boundaries of the project area.

Historic Background

The project area is located within the town of Philipstown Putnam County, New York. Towards the end of the Revolutionary War, the New York State Legislature established a commission of forfeiture to proceed with the selling of lands formerly owned by Loyalists. Many prominent citizens within Putnam County were banished from the state and their property seized and sold. Under the Commission of Forfeiture the lands within the County were seized and renamed the Fredericksburg Patent, and Later Frederick's Town. Philipstown was one of the three original parcels of the Fredericksburg Patent.

Settlement in the town of Philipstown in the early 19th century was primarily in the village of Cold Spring. Cold Spring was a small settlement nestled on the shores of the Hudson River near the river's narrowest point. Cold Spring served as an industrial base throughout the Civil War. The West Point Foundry was established in Cold Spring and brought about an influx of workers who worked at the foundry. Outside of the village of Cold Spring, the landscape in the town of Philipsburg was primarily agricultural in nature with orchards, grains and livestock being the main crops. Goods were transported to Peekskill where they were shipped down the Hudson River to New York City. Dairy farming quickly became the predominant agricultural activity in Putnam County in the mid to late 19th century.

Throughout the 19th century there were significant changes to the landscape through the construction of toll roads and the railways. The large reservoirs located within Putnam and Westchester County altered the natural water courses, and filled in valleys. The landscape continued to change throughout the 20th century with the construction of major roadways and highways. By the latter portion of the 20th century, as the population of the town increased and numerous suburban neighborhoods were constructed. By the end of the 20th century large industrial companies had located to the southern portion of Putnam County, altering the suburban nature of the town.

Cartographic Research

HVCRC examined historical maps of Putnam County to identify possible structures, previous road alignments and other landscape features or alterations that would affect the likelihood that archeological and/or historic resources could be located within the project area. These maps are included in this report, with the boundaries of the project area superimposed. Nineteenth century maps frequently lack the accuracy of location and scale present in modern surveys. As a result of this common level of inaccuracy on the historic maps, the location of the project area is drafted relative to the roads, structures, and other features as they are drawn, and should be regarded as approximate. The historic maps included in this report depict the sequence of road construction and settlement/development in the vicinity of the project area.

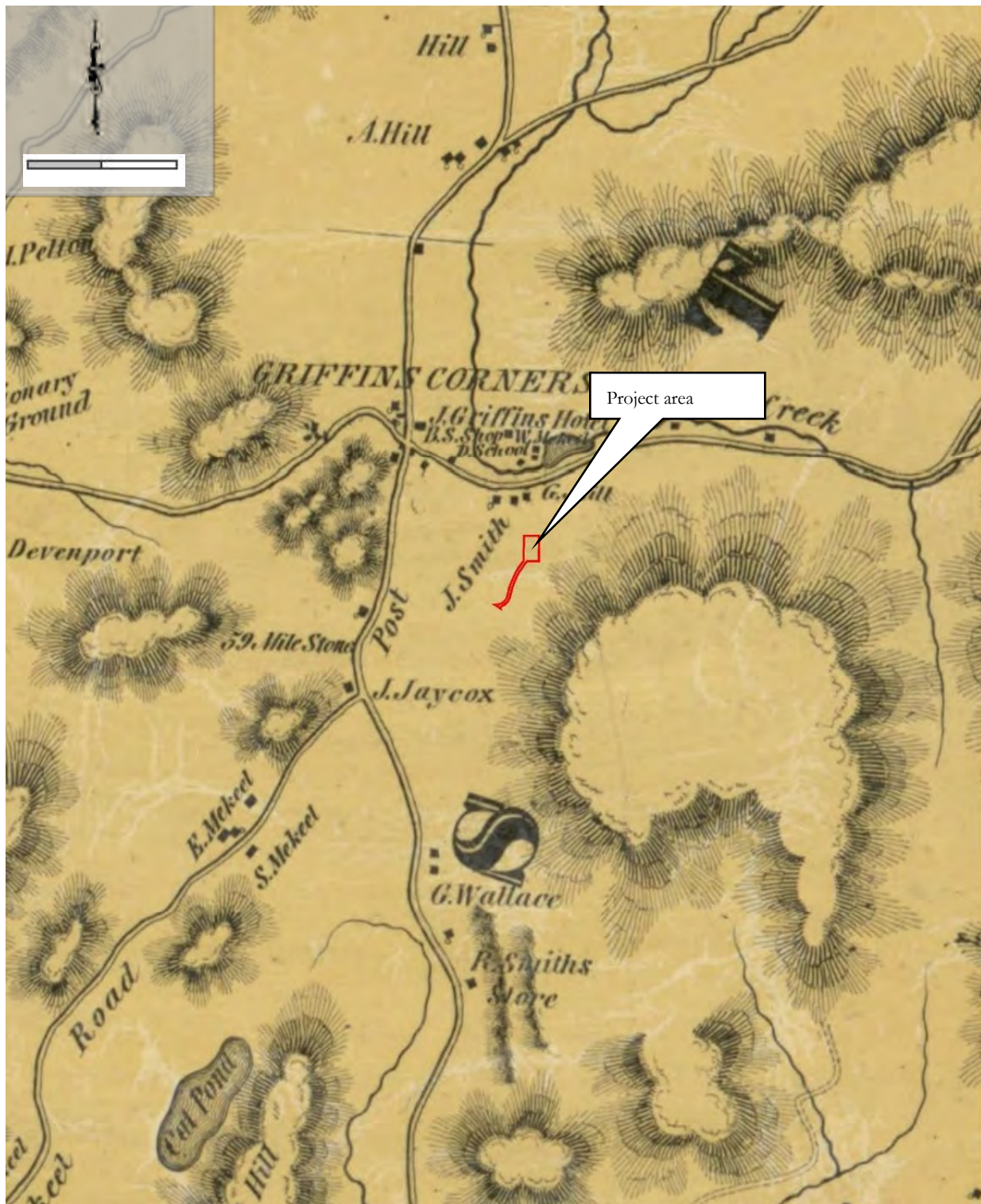


Figure 4: 1854 O'Connor Map of Putnam County, New York. (Source: Library of Congress) Scale: 1"=660'.

The earliest map examined is the Robert O'Connor Map of Putnam County, New York. The project area is located south of a farmstead owned by J. Smith. To the east of the project area is a large hill. No structures are shown within or adjacent to the project area boundaries.



Figure 5: 1875 F.W. Beers. *Atlas of Putnam County New York*. (Source: David Rumsey Cartography Associates) Scale: 1"=660.'

The 1875 *Atlas of Putnam County, New York* shows the project area is located in an area identified by Griffin's Corners. The project area is located to the east of an area identified as The Hill Farm. To the east of the project area the hillside features the term Iron, suggesting that this location was an iron mine, or had been documented as having iron in bedrock. No structures are shown within or adjacent to the project area boundaries.

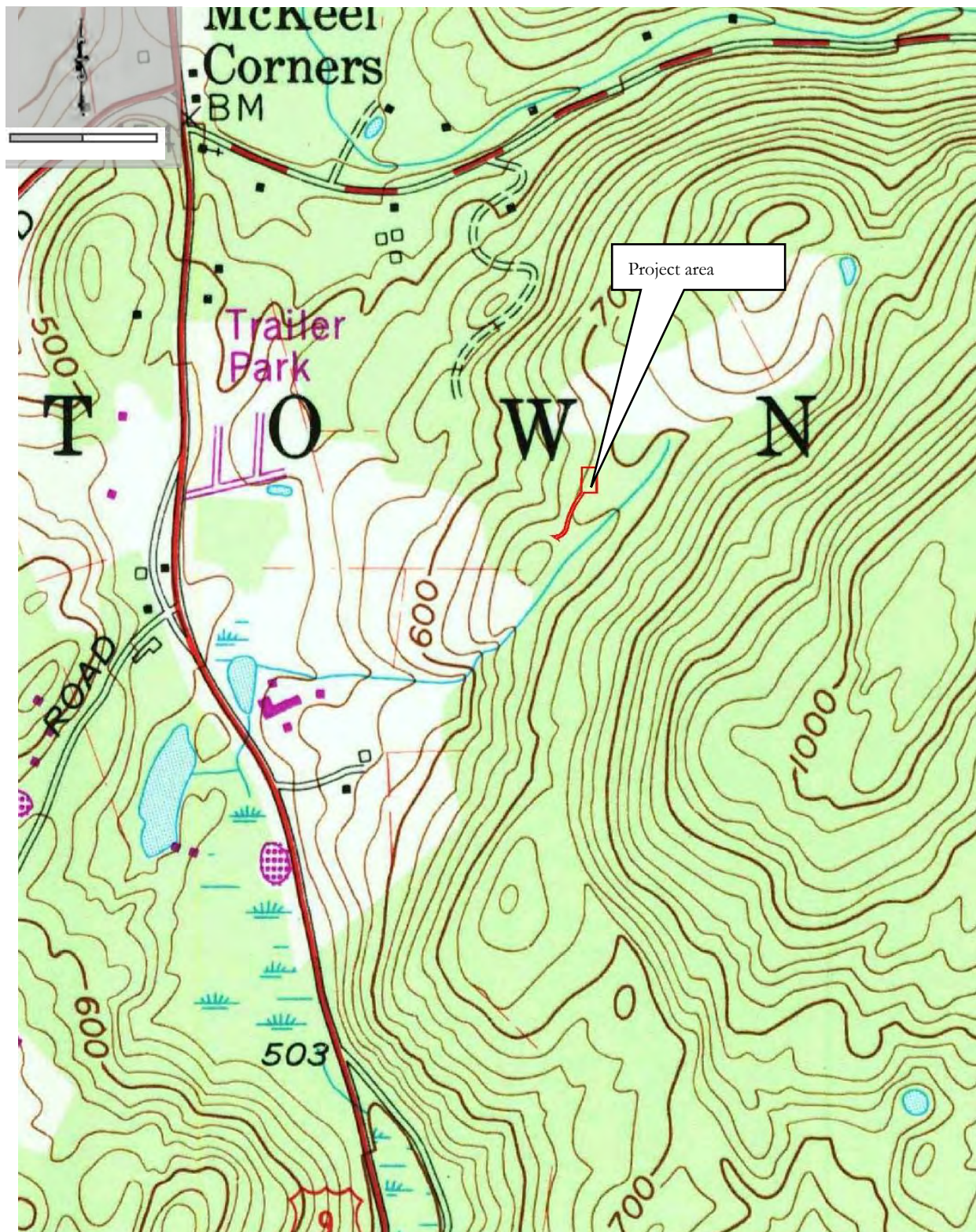


Figure 6: 1957 West Point USGS Topographical Quadrangle. (Source: USGS.gov) Scale: 1"=660'.

The 1957 topographical quadrangle indicates that the project area is located within a forested area. There is a stream depicted to the south of the project area. No structures are shown within or adjacent to the project area boundaries.

5.0: Records Review

In order to gather information on the history and prehistory of the Project Area and the surrounding region, HVCRC consulted historical documents and maps available at the Library of Congress, David Rumsey Cartography Associates and the New York Public Library. HVCRC reviewed the combined site files of the New York State Office of Parks, Recreation, and Historic Preservation (OPRHP) and the New York State Museum (NYSM) for information regarding previously recorded archeological sites within one mile (1.6 km) of the Project Area. HVCRC also consulted regional sources (e.g. Beauchamp 1900; Parker 1920; Ritchie 1980; Ritchie and Funk 1973) for descriptions of regional archeological sites. In addition, HVCRC consulted the files in CRIS for information regarding cultural resources listed on the State and/or National Register of Historic Places (S/NRHP) within one half mile of the Project Area.

Previously Recorded Archaeological Sites

No previously documented archaeological sites were identified within a one mile radius of the project area boundaries

Previously Completed Archaeological Surveys

As part of the research for this project, surveys completed for sites in the general area were consulted. One survey has been completed within a one mile radius of the project area.

Table 2: Previously Completed Archaeological Surveys within 1- mile radius		
Project Name	Survey Findings	Reference
Phase IA/IB Cultural Resource Management Survey of a Proposed Cell Tower, in the Town of Philipstown, Putnam Co.	The Phase 1B the location of a proposed cell tower location. A total of four shovel tests were completed. No cultural resources were identified.	Keener, Chris. 2005

National Register Eligible/Listed Sites

The National Register Database and OPRHP files were reviewed to identify structures on or in the vicinity of the project area that have been listed on the National Register of Historic Places or identified as National Register Eligible. There are no National Register Eligible or Listed sites in the vicinity of the project area.

Sensitivity Assessment

An assessment of whether significant cultural resources are likely to be present within the project area must consider what is known of the prehistory of the area, including likely locations of archaeological sites and proximity to known sites. In addition, the history of the immediate area, including whether any historic structures or features are known to exist within the project area boundaries, must be considered. Disturbance to the landscape and the soils on the property are also considered in this assessment.

Although no archaeological sites have been identified in the vicinity of the project area, there are environmental factors present on the project area which suggest that the undisturbed, level portions of the landscape have the

potential to contain pre-contact cultural resources. These factors include the proximity of the project area to a fresh water source, and the fact that level, well drained soils are identified within portions of the project area. The Pre-contact sensitivity of the project area is considered to be moderate to high.

Careful examination of the historic and topographical maps available indicate that the project area has been agricultural land for the latter portion of the 19th century. Given the fact that no historic structures are located within or adjacent to the project area, the historic sensitivity is considered to be low.

Phase 1B Archaeological Field Reconnaissance Survey

6.0 Archaeological Survey

On June 21, 2016 a Phase 1B Field Reconnaissance Survey was completed on the NY171-Philipstown Tower location. Archaeological fieldwork was supervised by Beth Selig MA, RPA. Field work was completed by Frank Spada and Matt Chmura under the direction of Beth Selig, who also completed the photography and the final report.

Archaeological Field Methodology

Areas selected for subsurface testing were identified during a comprehensive walkover of the area of potential effect, which served to evaluate the site, assess loci of disturbance, rule out slope and wetland areas, assess available raw material and habitation resources and determine former land usage. The project area is currently mown lawn.

The areas selected for shovel testing within the Area of Potential Effect (APE), were subjected to tests at intervals of 50' (15 m) and 20' (6.09 m) on a grid plan covering the APE and a 25' (7.5 m) buffer outside of the APE boundary. The locations of the tests and disturbed areas were recorded on a large-scale map that shows surveyed borders and the locations of the various structures identified on the site. (Figure 7: Field Reconnaissance Map)

The field methodology employed at the NY171-Philipstown Tower location consisted of several stages of investigation. These included:

1. A walkover and visual inspection of the site to assess areas of potential sensitivity for pre-contact cultural remains.
2. Systematic visual inspection of the land surface to rule out the presence of rock faces and overhangs.
3. Shovel testing in the areas identified as having a potential sensitivity for pre-contact remains.
4. Photographic documentation of the overall site.

The methodology for shovel testing in the sensitive areas involved excavating 45 cm (22.4") diameter shovel tests at standard intervals within APE. Shovel Tests were excavated a minimum of 10 cm (4") into sterile subsoil, unless terminated by rock obstructions. Soils were passed through a ¼ inch steel mesh screen, and the material remaining in the screens was carefully examined for cultural material. Had items been recovered from the screens they would have been assigned to the stratum from which they were obtained. The stratigraphy of each test was recorded, including the depth and the soil description of each layer. (See Appendix A) Had cultural materials been recovered, they would have been bagged, labeled, and returned to the laboratory for processing, however no cultural material was identified.



Photo 5: View to the south along the proposed access corridor toward Vineyard Road.



Photo 6: The soils encountered consisted of a dark yellow brown silty sand with grave overlying a yellow brown compact silty sand.



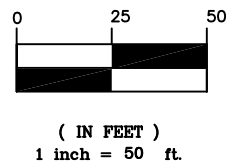
Photo 7: The small pond is currently overgrown with cattail reeds. View to the north.



Photo 6: View to the north along the proposed access and utility corridor from Vineyard Road.



Figure 7: NY171-Philipstown Tower Location
Phase 1B Field Reconnaissance Map
Scale 1" = 50'



7.0 Archaeological Survey Results

Field investigations began with an initial walkover of the surface of the APE. The field team utilized GPS technology to identify the boundaries of the proposed compound and the location of the proposed access corridor. A 25' (7.6 m) buffer was observed around the boundaries of the compound, establishing the APE of the compound as a 130' by 110' (39.6 m by 33.5 m) square, with a utility corridor 200' (60.9 m) in length that connects to Vineyard Road. The surface conditions permitted only 10% visibility due to the grass and weeds covering the project area. Due to the limited visibility, subsurface investigations were necessary to adequately document whether cultural materials were present.

Within the proposed compound, Transects (TR) were laid out at 50' (15 m) intervals across the APE. Shovel tests were completed at 50' (15.2 m) intervals along transects within the compound. A total of nine tests were laid out along three transects within the boundaries of the proposed project area. The shovel tests completed within the compound identified a dark yellow brown silty sand with gravel overlying a yellow brown compact silty sand. The soils within the proposed compound are consistent with the soil type identified on the Natural Resources Conservation soils survey, which indicates that the soils are well drained sandy loam.

Once the testing within the compound was completed the field team completed shovel tests along the proposed access and utility corridor. Four shovel tests were completed along the proposed access and utility corridor south from the proposed compound. The soils identified were consistent with the soils identified within the project compound. At the southern extent of the proposed access corridor, the shovel tests placed on top of the drainage culvert and adjacent to Vineyard Road identified a yellow brown silty clay with rock. No cultural materials were identified within the project area.

8.0 Conclusions and Recommendations

In July of 2016, HVCRC completed a Phase 1 Cultural Resource Survey of the NY171-Philipstown tower location on behalf of CBRE. The project area is located in the town of Cold Spring, Putnam County New York. Based on the cultural and environmental assessment completed, it was determined that the site met the ecological criteria for the potential to contain pre-contact cultural resources. A total of 13 shovel tests were completed within the proposed project area, however no cultural resources of any kind were identified on the site, and it is the recommendation of Hudson Valley Cultural Resource Consultants that no further archaeological testing be required for the NY171-Philipstown Tower location.

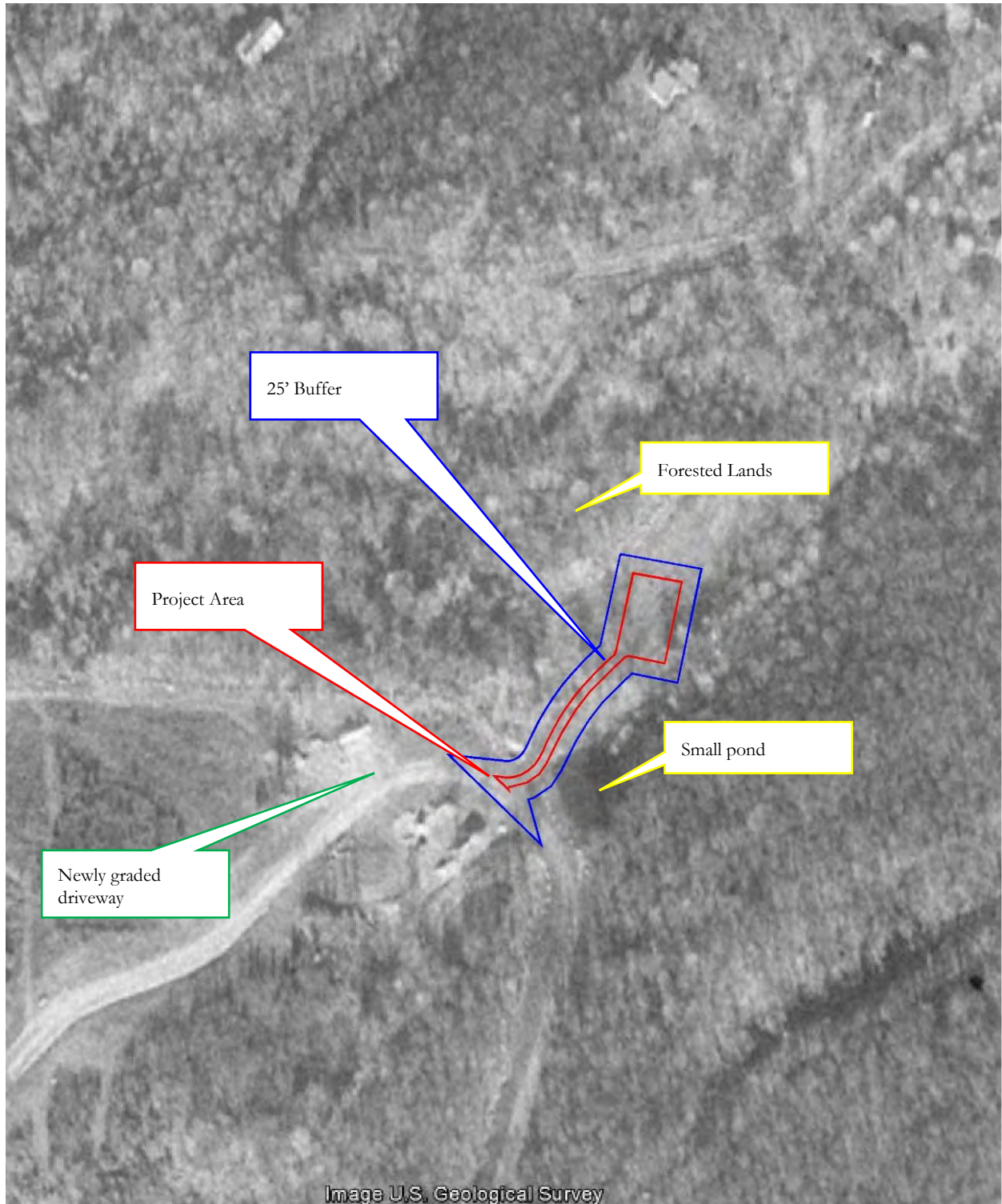


Figure 8: 1998 Aerial Image depicting the Land Use within the vicinity of the project area. (Source: Google Earth). Scale 1"=220'.

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2013 United State Geological Survey Topographical Map. Brewster Quadrangle. 7.5 Minute Series.

1956 United State Geological Survey Topographical Map. Lake Carmel Quadrangle. 7.5 Minute Series.

1960 United State Geological Survey Topographical Map. Brewster Quadrangle. 7.5 Minute Series.

Wyandotte Nation

2013 Archaeological Field Work and Reporting Requirements for Cell Towers and other Section 106, NHPA Projects. Wyandotte,

Transect	STP	Level	Depth (in)	Depth (cm)	Munsell	Soil Description	Cultural Material	GPS Coordinates
TR 1	1	1	0-4	0-10	10YR4/4	Dark yellow brown silty loam	NCM	41°25'57.80"N 73°54'32.86"W
		2	4-9	10-21	10YR5/6	Yellow brown very dry, silty clay, terminated at subsoil	NCM	
	2	1	0-6	0-15	10YR4/4	Dark yellow brown silty loam	NCM	41°25'57.50"N 73°54'32.97"W
		2	6-12	15-31	10YR5/6	Yellow brown very dry, silty clay, terminated at subsoil	NCM	
	3	1	0-7	0-17	10YR4/4	Dark yellow brown silty loam	NCM	41°25'57.15"N 73°54'33.14"W
		2	7-11	17-31	10YR5/6	Yellow brown very dry, silty clay, terminated at subsoil	NCM	
TR 2	4	1	0-7	0-17	10YR4/4	Dark yellow brown silty sand with gravel	NCM	41°25'58.02"N 73°54'33.15"W
		2	7-11	17-27	10YR5/6	Yellow brown compact silty sand, terminated at subsoil.	NCM	
	5	1	0-6	0-14	10YR4/4	Dark yellow brown silty sand with gravel	NCM	41°25'57.73"N 73°54'33.38"W
		2	6-10	14-25	10YR5/6	Yellow brown compact silty sand, terminated at subsoil.	NCM	
	6	1	0-1	0-2	10YR4/4	Dark yellow brown silty sand with gravel	NCM	41°25'57.28"N 73°54'33.55"W
		2	1-5	2-13	10YR5/6	Yellow brown compact silty sand, terminated at subsoil.	NCM	
TR 3	7	1	0-11	0-28	10YR5/4	Yellow brown silty loam with rock, terminated at rock obstruction	NCM	41°25'58.07"N 73°54'33.41"W
	8	1	0-9	0-23	10YR5/4	Yellow brown silty loam with rock, terminated at rock obstruction	NCM	41°25'57.86"N 73°54'33.88"W
	9	1	0-3	0-8	10YR4/4	Dark yellow brown silty loam	NCM	41°25'57.63"N 73°54'34.05"W
		2	3-11	8-28	10YR5/4	Yellow brown silty loam with rock, terminated at subsoil.	NCM	
TR 4	10	1	0-7	0-17	10YR4/4	Dark yellow brown silty loam	NCM	41°25'56.70"N 73°54'33.54"W
		2	7-9	17-23	10YR5/6	Yellow brown silty clay with rock, terminated at sterile subsoil.	NCM	

Transect	STP	Level	Depth (in)	Depth (cm)	Munsell	Soil Description	Cultural Material	GPS Coordinates
	11	1	0-3	0-8	10YR4/4	Dark yellow brown silty loam	NCM	41°25'56.18"N 73°54'34.02"W
		2	3-9	8-23	10YR5/6	Yellow brown sitly clay with rock, terminated at sterile subsoil.	NCM	
	12	1	0-1	0-3	10YR5/6	Yellow brown sitly clay with rock, terminated at sterile subsoil.	NCM	41°25'55.75"N 73°54'34.66"W
	13	1	0-10	0-25	10YR5/6	Yellow brown fill, terminated at rock.	NCM	41°25'55.26"N 73°54'35.22"W

Resume

Beth Selig, M.A., R.P.A.

Professional Associations

Executive Member, New York Archaeological Council

Register of Professional Archaeologists

Society for Historical Archaeology

Dutchess County Historical Society

Professional History

2015 President/ Project Manager/Lead Archaeologist
Hudson Valley Cultural Resource Consultants Ltd.

Provide archaeological oversight for project proposals, cultural resource studies (Phases 1A and 1B), Historic Building Assessment, Phase 2 Cultural Resource Studies and Phase 3 Data Recovery Investigations.

2005 to Project Archaeologist: CITY/SCAPE: Cultural Resource Consultants
2014 166 Hillair Circle, White Plains, NY 10605

Provide support for post excavation processing (artifact analysis, mapping, documentary & cartographic research) for cultural resource studies (Phases 1A and 1B), Phase 2 Cultural Resource Studies and Phase 3 Data Recovery Investigations.

2003 to Field/Laboratory Technician: John Milner Associates
2005 Croton-on-Hudson, New York

1998 to Field/Laboratory Technician: CITY/SCAPE: Cultural Resource Consultants
2003 166 Hillair Circle, White Plains, NY 10605

Education

Empire State College, (SUNY) New York, NY, Masters of Arts in Liberal Studies . 2012

Dutchess County BOCES AUTO CAD Certificate, 2009

University at Albany, (SUNY) Albany, New York, Bachelors in Anthropology and Archaeology. Dean's List. Cum Laude. 2002

Professional Certifications

2002 Hazwoper- 40 Hour Training

2011 CPR for the Professional Rescuer

Resume

Matt Chmura

Professional History

- 2015 Junior Field Technician: Hudson Valley Cultural Resource Consultants.
Provide archaeological assistance with cultural resource studies (Phases 1A and 1B), Phase 2 Cultural Resource Studies and Phase 3 Data Recovery Investigations.
- 2014 Dutchess Community College Field School – Bowdoin Park, New York.

Education

State University of New York at Binghamton Bachelor of Arts in Anthropology & History 2015-2017

Resume

Frank Spada, M.A.

Professional History

2015	Senior Field Technician: Hudson Valley Cultural Resource Consultants. Provide archaeological assistance with cultural resource studies (Phases 1A and 1B), Phase 2 Cultural Resource Studies and Phase 3 Data Recovery Investigations.
2005 to 2014	Field Technician for CITY/SCAPE: Cultural Resource Consultants 166 Hillair Circle, White Plains, NY 10605
2013 to 2014	Archaeological Monitor- City of Kingston DOT Kingston, New York
2003 to 2005	Field Technician for John Milner Associates 1 Croton Point Ave, Croton on Hudson, New York.
1993 to 2013	Field Technician for Joe Diamond, PhD.. 290 Old Route 209, Hurley New York
1991 to 1996	Field Technician for Grossman & Associates New York, New York

Education

SUNY New Paltz, New Paltz, NY, Masters in Early Education. 2000

SUNY New Paltz, New Paltz, NY, Bachelors in Anthropology and Archaeology. 1991

SUNY New Paltz, Archaeological Field School, with Leonard Eisenberg. 1980

TELECOM ADVISORY SERVICES

Adrian Berezowsky, LEED AP
Senior Managing Director



4 West Red Oak Lane
White Plains, NY 10604
914-597-69675 Direct
914-310-8066 Mobile
adrian.berezowsky@cbre.com

Date: May 22, 2017

To: Chairman Robert Dee and members of the Zoning Board
Town of Philipstown
238 Main Street
Cold Spring, New York 10516

Subject: "NY171 - Philipstown"
Vineyard Road, Philipstown, New York 10516
CBRE Project No.: TS60615701

To Whom It May Concern:

CBRE Telecom Services, Inc. (CBRE) was retained by Homeland Towers, LLC (Homeland Towers) to prepare an environmental screening pursuant to NEPA (40 CFR 1500-1508) and NEPA procedures required by the Federal Communications Commission (FCC) (47 CFR, Chapter 1, Part 1, Subpart I, §1.1301 to 1.1319). Specifically, CBRE conducted historic consultation to determine whether the Undertaking would affect districts, sites, buildings, structures or objects, significant in American history, architecture, archeology, engineering or culture, that are listed, or are eligible for listing, in the National Register of Historic Places. (See 16 U.S.C. 470w(5); 36 CFR part 60 and 800.) CBRE followed the procedures set forth in the rules of the Advisory Council on Historic Preservation, 36 CFR part 800, as modified and supplemented by the Nationwide Programmatic Agreement for the Collocation of Wireless Antennas, Appendix B to Part 1 of this Chapter, and the Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process.

The Subject Property is a raw land site located on in a semi-wooded area in Philipstown, New York. Homeland Towers proposes to install a 180-foot monopole within a 5,610 square foot fenced compound (it should be noted that for Section 106 consultation purposes, the tower height of 199' was used but NYSHPO has indicated that there is no need for an updated SHPO review for reductions in height as is the case here). Within the compound, a telco cabinet and 11'6" x 20' steel equipment platform with a canopy is proposed. Underground electric and telecommunications services will be routed to the existing CHG & E Corp utility pole. The proposed compound will be access by a proposed 12" wide gravel drive to be utilized by Homeland Towers and future tenants.

CBRE initiated Section 106 Review of the proposed Undertaking which included defining the area of potential effects ("APE"), identifying historic properties within the APE, evaluating the historic significance of identified properties as appropriate, assessing the effects of the Undertaking on these historic

properties and consulting with the New York State Historic Preservation Office(s) ("SHPO"), interested tribes and the public.

CBRE reviewed documentation available online, through public participation and/or from SHPO and conducted an independent assessment to determine what historic properties, if any were located within the APE along with their historic significance. CBRE additionally conducted a reconnaissance of the Subject and properties within the APE in order to identify any additional historic properties not identified above. CBRE then evaluated whether any historic properties would be affected by the Undertaking. Based on this review, CBRE determined that the Undertaking would have No Effect on historic properties located within the APE.

CBRE submitted the above review and determination of effect using FCC Form 620 via the FCC's on-line Electronic Section 106 ("E-106") submission process on July 11, 2016. The submission included Undertaking drawings, the findings of archaeological review, copies of consultation correspondence to date, public notice documentation, and a request for comment to the SHPO. The New York SHPO issued concurrence with CBRE's findings on August 26, 2016. It should be noted that evidence of SHPO's concurrence is provided in the form of a copy of the E-106 page showing the history of the submission (see attached).

Consequently, pursuant to 36 CFR 800.4(d)(1), no further Section 106 consultation is required unless additional resources are discovered during Undertaking implementation pursuant to 36 CFR 800.13. As such, the Undertaking is not one that may 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 NRHP and the Undertaking is exempt from further review.

Regards,



Adrian Berezowsky
Senior Managing Director



Logged In: 0018180992 (Log Out)

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File Number: 0007334860
Form 620: Original Filing

Notification Date:
07/12/2016

Current Status: **Completed**
Received On: **07/11/2016**

Filer must close by:
10/31/2016, 11:59 PM

[Update](#) [Withdraw](#) [Close](#)

[Email Filing](#)

[Overview](#) [Transaction Log](#) [Comments](#) [Documents](#) **[History](#)**

[View Submission Packet](#) [Common Questions](#) [Return to My Filings](#)

Showing 1 to 7 of 7 1 Show 10 per page (1 pages)

Date ▼▲	Description ▼▲	Source ▼▲
09/29/2016	The Filer failed to close a Completed filing	System
08/26/2016	A Reviewer concurred with the filing	New York State Historic Preservation Office
08/17/2016	A new comment was added to the filing	CBRE Telecom Advisory Services
07/25/2016	The SHPO/THPO requested additional information	New York State Historic Preservation Office
07/13/2016	Individual Informational Notice	System
07/13/2016	Consolidated Informational Notice	System
07/11/2016	A new filing was submitted	CBRE Telecom Advisory Services

Notification Date: **7AM EST 07/12/2016****New Tower ("NT") Submission Packet**

See instructions for

File Number: **0007334860**

public burden estimates

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

Contact Name

5) First Name: Vincent	6) MI:	7) Last Name: Xavier	8) Suffix:
9) Title:			

Contact Information

10) P.O. Box:	And /Or	11) Street Address: 22 Shelter Rock Lane, Building C	
12) City: Danbury		13) State: CT	14) Zip Code: 06810
15) Telephone Number: (914)879-9172		16) Fax Number:	
17) E-mail Address: vlx@homelandtowers.us			

Consultant Information

18) FCC Registration Number (FRN): 0018180992
19) Name: CBRE Telecom Advisory Services

Principal Investigator

20) First Name: Laura	21) MI:	22) Last Name: Mancuso	23) Suffix:
24) Title:			

Principal Investigator Contact Information

25) P.O. Box:	And /Or	26) Street Address: 4 West Red Oak Lane	
27) City: White Plains		28) State: NY	29) Zip Code: 10604
30) Telephone Number: (914)597-6991		31) Fax Number:	
32) E-mail Address: lauara.mancuso@cbre.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: Julie	37) MI:	38) Last Name: Labate	39) Suffix:
40) Title:			
41) Areas of Professional Qualification: (<input checked="" type="checkbox"/>) Archaeologist () Architectural Historian () Historian () Architect () Other (Specify) _____			

Site Information

Tower Construction Notification System

1) TCNS Notification Number: **139991**

Site Information

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

3) Site Name: **NY171 - Philipstown**

4) Site Address: **Cold Spring**

5) Detailed Description of Project:

New monopole, TS60615701, NY171-Cold Spring

6) City: **Putnam**

7) State: **NY**

8) Zip Code: **10516**

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

10) Nearest Crossroads: **Vineyard Road and US 9**

11) **NAD 83** Latitude (DD-MM-SS.S): **41-25-56.7**

(**X**) N or () S

12) **NAD 83** Longitude (DD-MM-SS.S): **073-54-34.5**

() E or (**X**) W

Tower Information

13) Tower height above ground level (include top-mounted attachments such as lightning rods): 60.7 () 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>Y</u> es () <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>139991</u>		Number of Tribes/NHOs: <u>11</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: Cayuga Nation

Contact Name

5) First Name: Clint	6) MI: C	7) Last Name: Halftown	8) Suffix:
9) Title: Cayuga Nation Representative			

Dates & Response

10) Date Contacted <u>06/16/2016</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: Delaware Nation

Contact Name

5) First Name: Nekole	6) MI:	7) Last Name: Alligood	8) Suffix:
9) Title: Cultural Preservation Director			

Dates & Response

10) Date Contacted <u>06/16/2016</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() 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>139991</u>		Number of Tribes/NHOs: <u>11</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 of Oklahoma

Contact Name

5) First Name: Dr. Brice	6) MI: M	7) Last Name: Obermeyer	8) Suffix:
9) Title:			

Dates & Response

10) Date Contacted <u>06/15/2016</u>	11) Date Replied <u>06/23/2016</u>
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
(<input checked="" type="checkbox"/>) Replied/Other	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Eastern Shawnee Tribe of Oklahoma

Contact Name

5) First Name: Travis	6) MI:	7) Last Name: Patton	8) Suffix:
9) Title: TCNS Coordinator			

Dates & Response

10) Date Contacted <u>06/16/2016</u>	11) Date Replied <u>06/28/2016</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>139991</u>		Number of Tribes/NHOs: <u>11</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: Keweenaw Bay Indian Community

Contact Name

5) First Name: Gary	6) MI:	7) Last Name: Loonsfoot	8) Suffix: Jr
9) Title: THPO			

Dates & Response

10) Date Contacted <u>06/16/2016</u>	11) Date Replied <u>06/16/2016</u>
(<input type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input checked="" type="checkbox"/>) Replied/Have Interest	
(<input type="checkbox"/>) 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: Melinda	6) MI: J	7) Last Name: Young	8) Suffix:
9) Title: THPO			

Dates & Response

10) Date Contacted <u>06/16/2016</u>	11) Date Replied <u>06/20/2016</u>
(<input type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input type="checkbox"/>) 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>Y</u> es () <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>139991</u>		Number of Tribes/NHOs: <u>11</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-Cell Tower Division			

Dates & Response

10) Date Contacted <u>06/16/2016</u>	11) Date Replied <u>06/17/2016</u>
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
(<input checked="" type="checkbox"/>) Replied/Other	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Shawnee Tribe

Contact Name

5) First Name: Kim	6) MI:	7) Last Name: Jumper	8) Suffix:
9) Title: THPO			

Dates & Response

10) Date Contacted <u>06/16/2016</u>	11) Date Replied <u>06/16/2016</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>Y</u> es () <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>139991</u>		Number of Tribes/NHOs: <u>11</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: Stockbridge-Munsee Band of Mohican Indians

Contact Name

5) First Name: Sherry	6) MI:	7) Last Name: White	8) Suffix:
9) Title: Historic Preservation Manager			

Dates & Response

10) Date Contacted <u>06/16/2016</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: Tuscarora Nation

Contact Name

5) First Name: Leo	6) MI: R	7) Last Name: Henry	8) Suffix:
9) Title: Chief			

Dates & Response

10) Date Contacted <u>06/16/2016</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() 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>Y</u> es () <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>139991</u> Number of Tribes/NHOs: <u>11</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: Wyandotte Nation

Contact Name

5) First Name: Sherri	6) MI:	7) Last Name: Clemons	8) Suffix:
9) Title: THPO			

Dates & Response

10) Date Contacted <u>06/16/2016</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: Village of Cold Spring Planning Board

Contact Name

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

Contact Information

8) P.O. Box:	And /Or	9) Street Address: 85 Main Street	
10) City: Cold Spring		11) State: NY	12) Zip Code: 10516
13) Telephone Number: (845)265-3611		14) Fax Number:	
15) E-mail Address:			
16) Preferred means of communication: () E-mail (X) Letter () Both			

Dates & Response

17) Date Contacted 06/28/2016	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: Putnam History Museum

Contact Name

4) First Name: Mindy	5) MI:	6) Last Name: Krazmien	7) Suffix:
8) Title: Executive Director			

Contact Information

9) P.O. Box:	And /Or	10) Street Address: 63 Chestnut Street		
11) City: Cold Spring		12) State: NY	13) Zip Code: 10516	
14) Telephone Number: (845)265-4010		15) Fax Number:		
16) E-mail Address:				
17) Preferred means of communication: () E-mail (<input checked="" type="checkbox"/>) Letter () Both				

Dates & Response

18) Date Contacted 06/28/2016	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: **New York State Historic Preservation Office**

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: **Britta**

MI:

Last Name: **Tonn**

Suffix:

Signature: **Britta Tonn**

Date: **07/11/2016**

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).

Attachments :

Type	Description	Date Entered
Public Involvement	PN Proof	07/05/2016
Public Involvement	Historical Society Letter	07/05/2016
Local Government Involvement	Planning Letter	07/05/2016
Tribal/NHO Involvement	NOO	07/05/2016
Additional Site Information	Drawings	07/05/2016
Resumes/Vitae	Beth Selig Resume	07/05/2016
Resumes/Vitae	Julie Labate CV	07/05/2016
Resumes/Vitae	Laura Mancuso CV	07/05/2016
Map Documents	Map Documents	07/06/2016
Resumes/Vitae	Resumes/ Vitae	07/06/2016
Additional Site Information	ADDITIONAL SITE INFORMATION	07/06/2016
Area of Potential Effects	Area of Potential Effects	07/06/2016
Historic Properties for Visual Effects	Historic Properties for Visual Effects	07/06/2016
Historic Properties for Direct Effects	HISTORIC PROPERTIES FOR DIRECT EFFECTS	07/11/2016
Historic Properties for Direct Effects	Archaeology Report	07/11/2016
Photographs	Photographs	07/11/2016

RESUMES

RESUMES/VITAE

The below listed professionals contributed to this report and meet the Secretary of the Interior's Professional Qualification Standards in their respective fields:

NAME	TITLE	SECRETARY OF THE INTERIOR'S PROFESSIONAL QUALIFICATIONS STANDARDS AREA OF EXPERTISE
Julie Labate	Senior Project Manager - Archaeologist	Archaeologist
Laura Mancuso	Director, Cultural Resources	Architectural Historian
Beth Selig	Archaeologist	Archaeologist



Applicant's Name: Homeland Towers, LLC
Project Name: NY171 – Philipstown
CBRE Project Number: TS60615701

Julie Richko Labate PhD, RPA

Education: PhD Archaeology, University College Dublin

Licenses/Registrations Register of Professional Archaeologists

Years of Experience: 10+ years

Summary of Professional Experience

Julie Labate is a Registered Professional Archaeologist (RPA) with more than 10 years of experience in the environmental assessment and consulting industry. She has conducted environmental due diligence and Section 106 Compliance in multiple states. Julie Labate has specifically managed and performed hundreds of Phase I and II archaeological surveys as part of the due diligence process.

Her technical experience includes:

- archaeological survey and reconnaissance, historic preservation, and architectural history investigations are designed to address the National Environmental Policy Act (NEPA), and the National Historic Preservation Act (NHPA) of 1966, as amended, along with other federal, state, and local preservation laws and regulations. Julie is especially equipped to manage problem-oriented investigations and to assist clients with the management and preservation of cultural resources through Phase I site documentation and examination, Phase II sensitivity assessment and evaluation, and Phase III mitigation excavation and analysis.
- management of negotiations among federal regulators, state historic preservation officers, local governments, Native American representatives and citizen groups.
- examine maps, deeds, surveys, and census records. Julie is experienced in using this historic information to contextualize archaeological finds and preserved surfaces in order to determine site integrity.

In addition, Julie has experience in areas of geophysical studies, computer mapping and analysis, and remedial construction site management.

Laura L. Mancuso

Education: Master Historic Preservation, University of Maryland, College Park
B.A., Humanities, Providence College

Years of Experience: 10+ years

Summary of Professional Experience

Ms. Mancuso holds a Master's Degree in Historic Preservation and has more than 10 years of experience as an Architectural Historian/Historic Preservation Professional.

As Deputy State Historic Preservation Officer and the Construction Grant Coordinator for the State of Connecticut, Ms. Mancuso provided technical assistance on hundreds of restoration and Section 106 projects and managed a portfolio of over \$5 million in grants. In this capacity she developed multiple grant programs and guidelines, applications, and contracts. She assisted grantees and potential grantees with project planning and design to ensure projects met the Secretary of the Interior's Standards for the Treatment of Historic Properties. Ms. Mancuso developed and reviewed hundreds of determinations of eligibility for properties for submitted for listing in the National Register of Historic Places. She hosted and attended numerous meetings and training sessions to improve the public's understanding of historic preservation policies and programs. Ms. Mancuso also attended annual National Conference of State Historic Preservation Officers (NCSHPO) meetings and developed relationships with many of the State Historic Preservation Officers.

In addition, Ms. Mancuso has over 5 years of experience in the telecommunications field, providing environmental and regulatory due diligence under the National Historic Preservation Act and the National Environmental Policy Act. As an Architectural Historian, she completed hundreds of Section 106 and NEPA reports throughout the United States. Ms. Mancuso has provided quality control, performed building analyses and historical research, conducted SHPO file reviews, managed portfolios, and acted as a client manager. In consultation with carriers, SHPOs, and stakeholders, Ms. Mancuso has facilitated redesigns of installations and developed mitigation strategies to avoid potential adverse effects to historic resources.

Resume

Beth Selig, M.A., R.P.A.

Professional Associations

Member, New York Archaeological Council

Register of Professional Archaeologists

Society for Historical Archaeology

Dutchess County Historical Society

Professional History

2015 President/ Project Manager/Lead Archaeologist
Hudson Valley Cultural Resource Consultants Ltd.

Provide archaeological oversight for project proposals, cultural resource studies (Phases 1A and 1B), Historic Building Assessment, Phase 2 Cultural Resource Studies and Phase 3 Data Recovery Investigations.

2005 to Project Archaeologist: CITY/SCAPE: Cultural Resource Consultants
2014 166 Hillair Circle, White Plains, NY 10605

Provide support for post excavation processing (artifact analysis, mapping, documentary & cartographic research) for cultural resource studies (Phases 1A and 1B), Phase 2 Cultural Resource Studies and Phase 3 Data Recovery Investigations.

2003 to Field/Laboratory Technician: John Milner Associates
2005 Croton-on-Hudson, New York

1998 to Field/Laboratory Technician: CITY/SCAPE: Cultural Resource Consultants
2003 166 Hillair Circle, White Plains, NY 10605

Education

Empire State College, (SUNY) New York, NY, Masters of Arts in Liberal Studies . 2012

Dutchess County BOCES AUTO CAD Certificate, 2009

University at Albany, (SUNY) Albany, New York, Bachelors in Anthropology and Archaeology. Dean's List. Cum Laude. 2002

Professional Certifications

2002 Hazwoper- 40 Hour Training

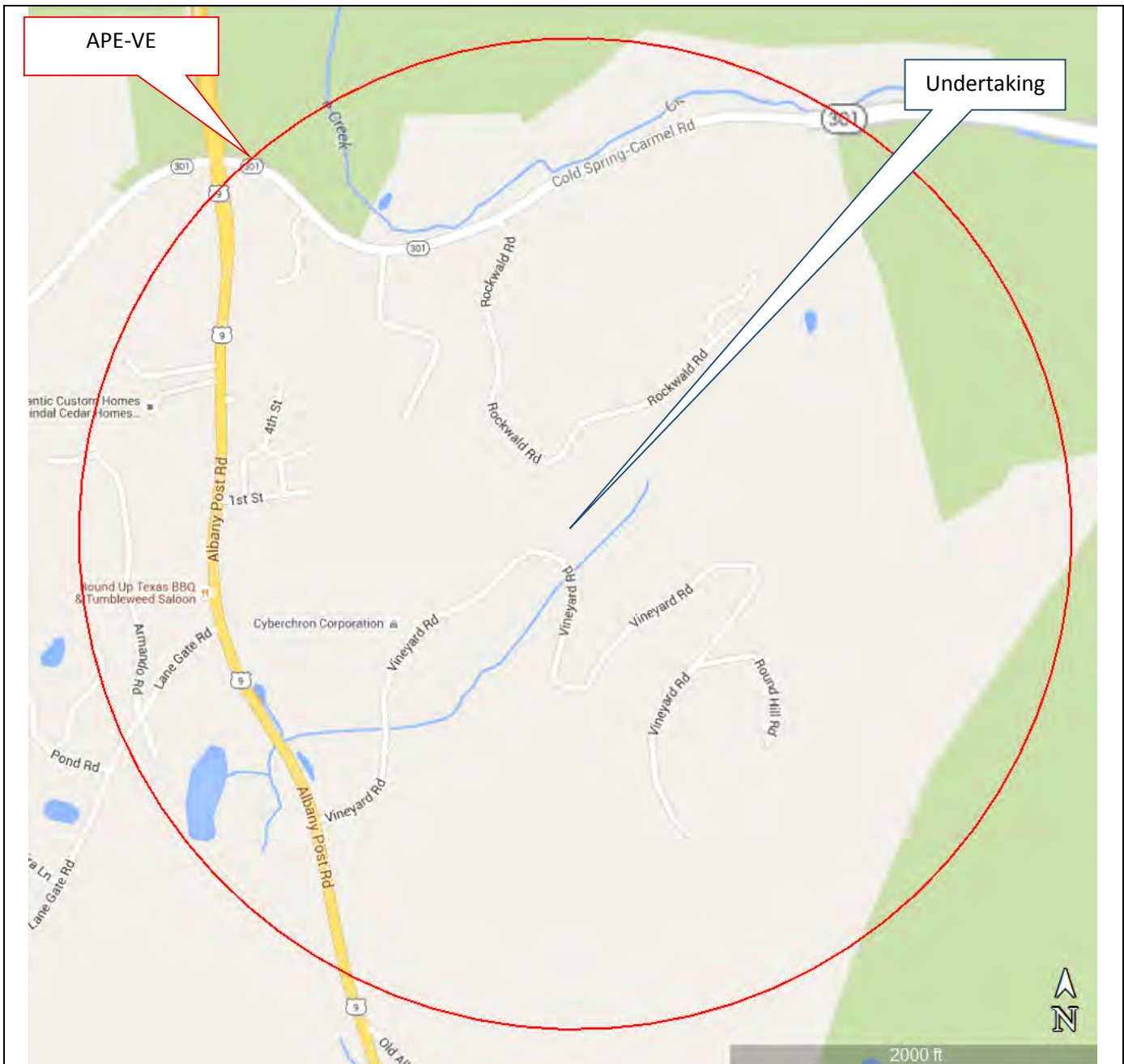
2011 CPR for the Professional Rescuer

PHOTOGRAPHS

See Appendix A for Photographs

MAP DOCUMENTS

MAP DOCUMENTS



STREET MAP

SOURCE: GOOGLE MAPS 2016



Applicant's Name: Homeland Towers, LLC
Project Name: NY171 – Philipstown
CBRE Project Number: TS60615701

MAP DOCUMENTS



USGS 7.5 MINUTE QUADRANGLE MAP

SOURCE: USGS (West Point, NY 1981)



Applicant's Name: Homeland Towers, LLC
Project Name: NY171 – Philipstown
CBRE Project Number: TS60615701

ADDITIONAL SITE INFORMATION

ADDITIONAL SITE INFORMATION

The Subject Property is a raw land site located in a rural area consisting primarily of undeveloped, wooded land.

Homeland Towers, LLC proposes to install a 199-foot monopole within a 5,610 square foot fenced compound. Within the compound, a telco cabinet and an 11'6" x 20' steel equipment platform with a canopy is proposed. Underground electric and telecommunications services will be routed to an existing CHG & E Corp. utility pole located to the south along Vineyard Road. The proposed compound will be access by a proposed 12' wide gravel drive to be utilized by Homeland Towers and future tenants.

Please see the attached lease exhibits for your review and information.



Applicant's Name: Homeland Towers, LLC
Project Name: NY171 – Philipstown
CBRE Project Number: TS60615701

See Appendix B for Site Drawings

AREA OF POTENTIAL EFFECTS

AREA OF POTENTIAL EFFECTS

AREA OF DIRECT EFFECTS

The APE for direct effects (APE-DE) 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 project.

Beth Selig - Archaeologist of Hudson Valley Cultural Resource Consultants, Ltd completed a field survey of the property on June 23, 2016 and determined the APE-DE is limited to the proposed lease area and access road in addition to the proposed utility easements.

AREA OF VISUAL EFFECTS

The APE for visual effects (APE-VE) 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.

Per Section V.C.4 of the National Programmatic Agreement, the APE-VE for this project is limited to:

<input checked="" type="checkbox"/>	1/2 mile from the tower site if the proposed tower is 200 feet or less in overall height
<input type="checkbox"/>	3/4 of a mile from the tower sites if the proposed tower is more than 200 but no more than 400 feet in overall height
<input type="checkbox"/>	1 1/2 miles from the proposed tower site if the proposed tower is more than 400 feet in overall height



Applicant's Name: Homeland Towers, LLC
Project Name: NY171 – Philipstown
CBRE Project Number: TS60615701

TRIBAL AND NHO INVOLVEMENT

From: lowernotifinfo@fcc.gov
To: Woodbury.Fallon@Burlington
Cc: Jonathan.Jonas@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #4613565
Date: Friday, June 17, 2016 3:02:54 AM

Dear Sir or Madam:

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

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "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 information you provided was forwarded to the following Tribal Nations and NHOs. If a 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 Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. Cultural Preservation Director Nekole Alligood - Delaware Nation - 31064 State Highway 281 (PO Box: 825) Anadarko, OK - nalligood@delawarenation.com - 405-247-2448

Details: The Delaware Nation located in Anadarko, Oklahoma charges a \$500 administrative fee for the review of ALL projects. (Change Effective 5/21/2013).

Send fee payable to the Delaware Nation in the form of a check or money order.

All projects for review by the Delaware Nation must pay the \$500 fee.

Please note that the Delaware Nation and the Delaware Tribe of Indians ARE NOT the same entity.

Send all correspondence for the Delaware Nation to

The Delaware Nation
ATTN: Cultural Preservation Department
31064 State Hwy 281
Anadarko, OK 73005.

2. Cayuga Nation Representative Clint C Halftown - Cayuga Nation - (PO Box: 803) Seneca Falls, NY - clantha@roadrunner.com; tina.orbaker@gmail.com - 315-568-0750

Details: If the Applicant receives no response from the Cayuga Nation within 30 days after notification through TCNS, the Cayuga Nation has no interest in participating in pre-construction review for the site. The Applicant, however, must notify the Cayuga Nation 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. Program Manager-Cell Tower Division Sequahna Mars - Narragansett Indian Tribe - (PO Box: 350) Wyoming, RI - sequahna@yahoo.com - 401-419-2959

Details: NITHPO respectfully requests that additional contacts following initial TCNS notification be made via e-mail to Sequahna Mars, at sequahna@yahoo.com.

NITHPO respectfully requests a site map and photographs for all projects that involve ground disturbance.

Please note that NITHPO's current review fees are as follows:

For projects in which there is to be no ground disturbance the review fee is \$500.

For ALL projects which include ground disturbance, the review fee is \$1000.

4. Chief Leo R Henry - Tuscarora Nation - 2006 Mt. Hope Road Via: Lewiston, NY - - 716-298-5114

Details: If the Applicant/tower builder receives no response from the Tuscarora Nation within 30 days after notification through TCNS, the Tuscarora Nation has no interest in participating in pre-construction review for the site. The Applicant/tower builder, however, must IMMEDIATELY notify the Tuscarora Nation in the event archaeological properties or human remains are discovered during construction.

5. THPO Gary Loonsfoot Jr - Keweenaw Bay Indian Community - 16429 Beartown Road . Baraga, MI - gloonsfoot@kbic-nsn.gov - 906-353-4278

Details: The KBIC THPO reviews all projects within historic homelands for the presence of cultural resources with significance to the Anishinaabe. Your request will go through a preliminary review by our THPO/NAGPRA Technician, the review consists of relevant studies submitted by the applicant regarding cultural resources documentation, in house literature search, database search and GIS search for further information. If any cultural resources are identified during this process, the file will be turned over to the Tribal Historic Preservation Officer in order to make a determination of effects.

Information required in order to complete this process are as follows:

Project Name
Project Location
Physical Address
Latitude and Longitude
State, County, Township, Range, Section quarters
Brief Project Description
Existing studies for archaeological sites, and cultural resources.

As of June 11, 2014 the KBIC THPO will be charging a fee of \$500.00 per review/collocation unless the review covers more than one section of land in which case the fee is \$500.00 per section. Fees in this process cover the research and other activities required to provide you with a timely response so your project can stay on track. Please submit payment of \$500.00 for each project application

submitted, checks should be made payable to KBIC THPO, 16429 Beartown Road, Baraga, Michigan 49908. Any questions can be directed to: Gary Loonsfoot Jr via email gloonsfoot@kbic-nsn.gov, or by phone: 906-353-6623 ext. 4108. (Please note that Minogheezhig Sandman-Shelifoe is no longer a contact within the KBIC-THPO office)

6. Tribal Historic Preservation Manager Sherry White - Stockbridge-Munsee Band of Mohican Indians - W13447 Camp 14 Rd. (PO Box: 70) Bowler, WI - sherry.white@mohican-nsn.gov - 715-793-3970

Details: If a project is not ground-disturbing, we do not need to comment on the proposed project. If, however, there will be ground disturbance, this Tribe requires a \$300 fee.

This Tribe will make every effort to respond to all of your TCNS notifications.

7. TCNS Coordinator Travis Patton - Eastern Shawnee Tribe of Oklahoma - 70500 East 128 Road Wyandotte, OK - tpatton@estoo.net - 918-666-2435 (ext: 1860)
Details: The Cultural Preservation Office of the Eastern Shawnee Tribe of Oklahoma requires the following information and fees regarding all proposed FCC projects.

Please do not email documentation; it will be deleted without being opened. Mail one printed color copy of all documentation to:
70500 E 128 Rd.
Wyandotte, OK 74370

Please submit by US postal mail or other parcel carrier all of the following information for all FCC projects:

1. A 1-page cover letter with the following information:
 - a) TCNS number
 - b) Company name
 - c) Project name, city, county, state
 - d) Project type
 - e) UTM coordinates using WGS84 (G1150)
 - f) Total area surveyed in acres
 - g) Contact information.
2. Professional cultural/archaeological resource survey report.
3. Aerial and color USGS topographic maps locating project area within the state, county, and local area.
4. Aerial, color USGS topographic, or planimetric maps locating tower site, APE, access road, utility easement, guy wire locations surveyed, surveyed staging areas, and known archaeological/historic sites.
5. Project site plan map depicting labeled shovel test locations.
6. Shovel test log.
7. Site photographs.
8. A copy of the review letter or TCNS e-response from the State Historic Preservation Office and all other state-mandated review offices for projects involving ground disturbance.
9. Please submit a fee of \$550.00 per/TCNS project, for administration, data processing, handling, research and review. Make the check payable to the Eastern Shawnee Tribe of Oklahoma. On the memo line write all TCNS numbers. This includes new build towers, collocations, PTC poles, and projects in previously disturbed locations.
10. The Eastern Shawnee procedure document is available by email and is highly recommended for guidance. Send an email to Travis Patton at: tpatton@estoo.net.

8. THPO Sherri Clemons - Wyandotte Nation - 64700 E, Hwy 60 Wyandotte, OK - algonquin@neok.com - 918-678-6344
Details: Greetings from Wyandotte Nation.

PLEASE BE ADVISED THAT AS OF TCNS NO. 126800, ALL COLOCATIONS AND PREVIOUSLY DISTURBED TOWER LOCATIONS WILL BE \$200.

ALL RAW LAND NEW BUILD SITES REMAIN AT \$600.

EACH PTC POLE IS STILL \$100 (PER NON-EXEMPT POLE, NOT PER TCNS).

The following information is provided automatically via the TCNS web site. Additional information may be provided in a second email that we send for each tower that is logged into TCNS. However, as we have been unable to use the TCNS website reliably to send our second response email since early April 2014, this very likely will be the ONLY email that you receive until the technical issue preventing us from using that feature has been addressed.

NEW INFORMATION- From this point forward, please send the required information for our review by email ONLY. Send the fee and a cover letter by hard copy to the Tribe, but DO NOT send review information by hard copy. Doing so will delay the review.

We are interested in consulting on this tower or broadband project, just as we are interested in being consulted regarding all federal undertakings in our homelands. This consultation is one of the activities required by the National Historic Preservation Act (NHPA) for such federal undertakings.

Please follow our archaeology procedures (9-9-13) and our general NHPA procedures for consultation (6-1-13), both available by e-mailing the cell tower program archaeologist, Rebecca Hawkins, at algonquin@neok.com. These procedures supersede all earlier versions of our procedures. All further correspondence regarding this tower should also be directed to that email address. With questions, you may call Mr. Lamont Laird at 918-533-2212.

AS STATED IN OUR GUIDELINES, AN ARCHAEOLOGIST MUST PERFORM THE FIELD WORK AND RELATED ANALYSES. The Wyandotte Nation will object to any tower where field work/analysis was performed after 9-9-13 and where a trained, experienced archaeologist did NOT conduct the field work. The National Park Service defines Essential Competencies for the field of archaeology at https://urldefense.proofpoint.com/v2/url?u=http-3A__www.nps.gov_training_nponly_RSC_archeolo.htm&d=CwIFaQ&c=jozbAXBGpZCeJmn-Q9SThA&r=a13T9vJoG6l0cFAOVzFznEkp80JtARmW2B3ptY8Su8&m=jqJBRHkS6pEaRaYa5NkUqMPidLa8LueGjkKaIBuDtzk&s=IfidLFmBpKCRH4hByVmAIRXUYU8OhMcK_pBvP76lImY&e=. Minimally, a "trained, experienced archaeologist" has at least a BA in Anthropology with a focus in archaeology and two solid years of field experience in the region where the field work is being performed.

The fee for all collocations and towers built in previously disturbed areas is \$100. The fee for all other towers is \$600.

Please make sure to provide your archaeologists with a copy of our procedures PRIOR TO the time that they do field work. If archaeology reports do not provide the information requested on the last 2 pages of our archaeology procedures, which you may use as a checklist, the report will be rejected. Please do not send reports that you know are deficient, as doing only delays the response process for your tower and those of other applicants as well.

Tizame (thank you),

Sherri Clemons, THPO
Wyandotte Nation

9. THPO Kim Jumper - Shawnee Tribe - 29 South 69A Highway Miami, OK - kimjumper@shawnee-tribe.com - 918-542-2441
Details: THIS IS YOUR OFFICIAL NOTICE THAT THE SHAWNEE TRIBE IS INTERESTED IN CONSULTING ON ALL PROJECTS BUILT IN OUR AREAS OF GEOGRAPHIC INTEREST.

ATTENTION, NEW INFORMATION: Our procedures were updated on 14 January 2008. Please call Kim Jumper, THPO, at 918-542-2441, so that she can send you a copy.

If your tower is a co-location, please fax us this information to let us know. We cannot always tell from the TCNS web site that a tower is a co-location. We require a written response from you to let us know that it is a co-location. If a co-location project includes some new ground disturbance (such as from an expanded compound or access road, or construction of an ancillary structure), the Shawnee Tribe treats such a project the same as any other non co-location project.

Our correct mailing/physical address is: 29 South Highway 69A. Our correct phone number is (918-542-2441) and our historic preservation fax line is (918-542-9915). THPO Kim Jumper manages all cell tower consultation.

As of 26 June 2006, all of the faxed responses of our final comments on a tower site will contain an original Shawnee Tribe signature. Each final comment fax is signed individually. Copies may be compared, for authentication, against the original in our files. If a final comment fax does not contain a signature, it is not valid. ALL FINAL COMMENTS FROM THE SHAWNEE TRIBE ARE WRITTEN; FINAL COMMENTS ARE NEVER PROVIDED VERBALLY. IF THE SHAWNEE TRIBE IS CREDITED WITH HAVING GIVEN A VERBAL RESPONSE, THAT RESPONSE IS NOT VALID.

If you receive notification through the TCNS listing the Shawnee Tribe, that is an indication that the Shawnee Tribe is interested in consulting on the tower for which that notification was received. Please consider that our official indication of interest to you. The Shawnee Tribe considers the Tower Construction Notification System's weekly e-mail to be the first notification that we receive that a tower will be constructed in an area of our concern. We do not view the TCNS notification as completion of 106 consultation obligations.

The Shawnee Tribe has developed streamlined consultation procedures for cell tower developers and their subcontractors. If you do not have a copy of the procedures - most recently updated on 14 January 2008 - please contact us, as you must follow these procedures to consult with us on cell tower projects. Call us at 918-542-2441 or fax us at 918-542-9915. It is the tower builder's responsibility to make sure that you have our most recent consultation procedures.

PLEASE DO NOT SEND US INFORMATION, QUERIES, OR COMMENTS ELECTRONICALLY. SINCE 1 DECEMBER 2005, WE HAVE NOT HANDLED ANY CELL TOWER CONSULTATION, INQUIRIES, OR CORRESPONDENCE VIA E-MAIL.

10. THPO Melinda J Young - 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

11. Dr. Brice M Obermeyer - Delaware Tribe of Indians of Oklahoma - 1 Kellogg Drive Roosevelt Hall, Room 212 Emporia, KS - bobermeyer@delawaretribe.org - 620-341-6699
Details: Per Tribal Resolution 2015-41, the Delaware Tribe of Indians has resolved that all FCC regulated tower projects (including PTC towers) must have a fee submitted prior to the review at the fee of \$1,000 for new construction and \$500 for collocations. As of this notice, the Delaware Tribe wishes to receive notice and payment for all projects, including those that do not involve ground disturbance.

For all review requests, the fee should be included with the mailed notification packet. Notifications should include a cover letter describing the project and a topographic map depicting the project's location.

Please send all notifications and checks for projects located in the states of Vermont, Connecticut, Massachusetts, New York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia to the following address:

Susan Bachor
Delaware Tribe Historic Preservation Representative
P.O. Box 64
Pocono Lake, PA 18347
temple@delawaretribe.org

For projects located in the states of Ohio, Indiana, Missouri, Kansas and Oklahoma, please send all notifications and checks to the following address:

Brice Obermeyer
Delaware Tribe Historic Preservation Office
Rm 212 Roosevelt Hall
1 Kellogg Drive
Emporia State University
Emporia, KS 66801

Thank you.

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

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

13. SHPO Ann Safley - Pennsylvania Historical & Museum Commission Bureau for Historic Preservation - 400 North St, 2nd Flr Harrisburg, PA - rsafley@state.pa.us - 717-787-9121

14. Director Eric Gilbertson - Vermont Division for Historic Preservation - National Life Building Drawer 20 Montpelier, VT - ergilbertson@dca.state.vt.us - 802-828-3043

15. Karl Roecker - Palisades Interstate Park Commission - Administration Bldg, NYS OPRHP/PIPC Bear Mountain, NY - Karl.Roecker@parks.ny.gov - 845-786-2701

"Exclusions" above set forth language provided by the Tribal Nation or SHPO. These exclusions may indicate types of PTC wayside pole notifications that the Tribal Nation or SHPO does not wish to review. 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 falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. Exclusions may also set forth policies or procedures of a particular Tribal Nation or SHPO (for example, types of information that a Tribal Nation routinely requests, or a policy 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 opened and reviewed an electronic or regular mail notification. If you learn any of the above contact information is no longer valid, please contact the FCC. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 06/14/2016
Notification ID: 139991
Tower Owner Individual or Entity Name: Homeland Towers
Consultant Name: Fallon Woodbury
Street Address: 8 Carey Avenue
City: Burlington
State: MASSACHUSETTS
Zip Code: 01803
Phone: 781-298-1161
Email: fallon.woodbury@cbre.com

Structure Type: MTOWER - Monopole
Latitude: 41 deg 25 min 56.7 sec N
Longitude: 73 deg 54 min 34.5 sec W
Location Description: Cold Spring
City: Putnam
State: NEW YORK
County: PUTNAM
Detailed Description of Project: New monopole, TS60615701, NY171-Cold Spring
Ground Elevation: 213.1 meters
Support Structure: 60.7 meters above ground level
Overall Structure: 60.7 meters above ground level
Overall Height AMSL: 273.8 meters above mean sea level

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

https://urldefense.proofpoint.com/v2/url?u=http-3A__wireless.fcc.gov_outreach_notification_contact-2Dfcc.html&d=CwlFaQ&c=j0zbAXBGpZCeJmn-Q9SThA&r=a13T9vJoG6l0cFAOVzFznEkp80JtARmW2B3plY8Su8&m=jqJBRHkS6pEaRaYa5NkUqMPidLa8LueGJkKalBuDtzk&s=YpwVsx9cAn-l8TCfg2WDGmcV-omo821_X0hAIBVDIc&e=

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

Thank you,
Federal Communications Commission

HISTORIC PROPERTIES FOR
DIRECT EFFECTS

HISTORIC PROPERTIES FOR DIRECT EFFECTS

Based on a file review and research completed by Julie Labate, Sr. Project Manager - Archaeologist on June 28, 2016 on the NY SHPO's website:

<input checked="" type="checkbox"/>	it does not appear that the property located at VINEYARD ROAD is eligible for listing on the National Register of Historic Places
<input type="checkbox"/>	it appears that the property located at VINEYARD ROAD is eligible for listing on the National Register of Historic Places (see below)
<input type="checkbox"/>	the property located at VINEYARD ROAD is individually listed on the National Register of Historic Places

ARCHAEOLOGICAL RESOURCES

Beth Selig - Archaeologist of Hudson Valley Cultural Resource Consultants, Ltd completed an evaluation of the proposed APE-DE for the presence of below-grade cultural resources.

The report concludes that archeological resources are not expected to be impacted by the construction of the proposed tower and installation of associated support equipment at the Project Site.



Applicant's Name: Homeland Towers,
LLC

Project Name: NY171 – Philipstown
CBRE Project Number: TS60615701



PHASE I ARCHAEOLOGICAL SURVEY

Proposed Wireless Telecommunications Site

**NY171-Philipstown
Vineyard Road
Cold Spring, Putnam County, New York**

NY SHPO Project Review Number: TBD

Prepared for:

**Homeland Towers
22 Shelding Rock Lane
Building C
Danbury, CT 06810**

Prepared by:

**CBRE Telecom Advisory Services
4 West Red Oak Lane
White Plains, New York 10604**

CBRE

**July 8th 2016
CBRE Project No.:TS60615701**

Management Summary

CBRE **TS60615701**

Involved State and Federal Agencies (DEC, CORPS, FHWA, etc.): **FCC**

Phase of Survey **Phase I Site Identification**

Local Information

Site Name: **NY171-Philipstown**

Site Number: **TS60615701**

Location: **Vineyard Road**

Minor Civil Division: **Philipstown**

County: **Putnam**

USGS 7.5 Minute Quadrangle Map: **West Point, New York 2013**

UTM Coordinates (Standard): **591129.4, 4587364.2**

Latitude (WGS84 Datum): **41°25'57.64"N**

Longitude (WGS84 Datum): **73°54'33.41"W**

Project Information

The proposed undertaking includes the construction of a monopole structure and equipment storage shelter within an 86' (18.23 m) by 66' (20.1m) rectangular lease area. The undertaking also includes a 300' (91.4 m) utility easement that connects to Vineyard Road south of the project area. The project area is an area that is lightly forested. The overall acreage of the proposed impact area is ± 0.19 acres (0.08 hectares).

Total Area to Be Disturbed: **8676 ft² (2645 m²) ± 0.19 acres (0.08 hectares)**

Transect Interval: **50' (15.24m)**

Number & Interval of Shovel Tests: **13 STPs**

Number of Acres Surveyed: **29,300 ft² (8932.9 m²) or 0.67 acres (0.27 hectares)**

Number & name(s) of site(s) identified: **0**

Number of buildings/structures/cemeteries within the APE-DE: **0**

Number of previously determined NR listed/ eligible buildings/structures/cemeteries/districts in the APE-DE: **0**

Hours Spent on Fieldwork and Survey: **3 person hours**

Report Author(s): **Beth Selig, MA, RPA.**

Date of Field Survey: **June 21, 2016**

Report Date: **July 8, 2016**

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Phase 1A Literature Search and Sensitivity Assessment

1.0 NY171-Philipstown Tower Scope & Limitations

In June of 2016, Hudson Valley Cultural Resource Consultants (HVCRC), on behalf of CBRE Telecom Advisory Services, completed a Phase 1 Cultural Resource Survey of the proposed NY171-Philipstown Tower location in the Town of Cold Spring, Putnam County, New York. The background research, as well as the cultural and environmental overviews were completed by Beth Selig, MA, RPA, President and Principal Investigator with HVCRC. Ms. Selig has a Master's degree from SUNY Empire State College and has more than 15 years of experience in the CRM/Archaeology industry. Phase 1B testing was completed on June 21, 2016 by Frank Spada and Matt Chmura, under the direction of Beth Selig. Mr. Spada completed his Master's degree at the State University of New York at New Paltz and has more than 35 years of experience working as an Archaeologist in CRM/Archaeology in the United States. Mr. Chmura is completing his Bachelor's degree in Archaeology at SUNY Binghamton.

This cultural resource report and supporting materials were edited and reviewed by Stephanie Roberg-Lopez, MA, RPA who received her Master's degree in Archaeology from Yale University and has more than 30 years of experience in CRM/Archaeology in the United States, as well as additional experience in Yorkshire England and South America.

All work was completed in accordance with the Standards for Cultural Resource Investigations and the Curation of Archeological Collections published by the New York Archeological Council (NYAC) and recommended for use by New York State Office of Parks, Recreation and Historic Preservation (OPRHP). The report complies with New York State OPRHP's Phase 1 Archaeological Report Format Requirements, established in 2005. Furthermore this report complies with the Wyandotte Nation Archaeological Procedures established in September 2013.

The Federal Communications Commission (FCC) requires licensees and their representatives to consider the effects of their actions on historic properties in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended, and the National Environmental Policy Act of 1969 (NEPA) (Federal Communications Commission 1996). Historic properties include Native American or European American archaeological sites, architectural resources (historic districts and standing structures), objects, and traditional cultural properties. Applicants are required to assess and report all potential environmental effects as part the Section 106 process prior to construction.



Figure 1: 2013 West Point USGS Topographical Quadrangle. (Source: USGS.gov). Scale: 1"=660'.



Figure 2: 2016 Aerial Image showing the project area. (Source: Google Earth). Scale: 1"=190'.

2.0 Site Description

The proposed undertaking includes the construction of a monopole structure and equipment storage shelter within an 86' (18.23 m) by 66' (20.1m) rectangular lease area. The undertaking also includes a 300' (91.4 m) access and utility easement that connects to Vineyard Road south of the project area. The project area is an area that is lightly forested. The overall acreage of the proposed impact area is \pm 0.19 acres (0.08 hectares). The field team utilized GPS data to determine the accurate location of the project area and during the surface inspection and field work. Field work involved three person hours.

On June 21, 2016 the existing conditions within the project area were assessed and the site was photographed. The project area is located in a lightly forested area on the northern side of Vineyard Road. The proposed access and utility corridor crosses over a drainage culvert that drains a small pond located to the east of the proposed access and utility corridor. The surface conditions consist of a lightly forested area.

3.0 Environmental Conditions

The location of the proposed tower compound is a flat surface area with an elevation of 683' (208.2 m) above Mean Sea Level (AMSL). The project area is accessed from Vineyard Road.

Ecology

The project area lies in a vegetation zone where the Northern Hardwood Forest Zone meets the Appalachian Oak Forest Zone. In the Northern Hardwood Forest Zone, sugar maple, birch, beech and hemlock are the predominant trees in this type of forest (Bailey 1995).

Geology

The project area is situated within the Ridge and Valley physiographic province, which extends from Lake Champlain to Alabama. The portion of the Ridge and Valley Province in which the project area is located is specifically identified as the Taconic Allochthon, bordered to the east by the Manhattan Prong and to the west by the Great Valley province (Schubert, 1968).

The Hudson Highlands area is a northeast-southwest trending band of igneous and metamorphic rock, which extends from New England through New York, crossing the Hudson River in the vicinity of Cold Spring and West Point. Because of their structural origin and their durability, the Hudson Highlands reach a higher elevation than the physiographic provinces that border them, such as the Hudson-Mohawk Lowlands to the north and the Piedmont Triassic Lowlands to the south. The Hudson Highlands are almost entirely blanketed by a thin layer of glacial till, with frequent bedrock outcrops. Outwash sand and gravel occupy some of the river and stream valleys that border and run through the Highlands (Spectra 2004: Appendix C).

Drainage

The NY171-Philipstown tower site is located 183' (55.7 m) west of a small unnamed stream. A small pond is located adjacent to the proposed access road that drains through a culvert underneath the proposed access road. The aerial image reviewed for the project area indicate that the pond was constructed between 1994 and 1998.

Soils

The characteristics of the soils within the project area have an important impact on the potential for the presence of cultural material, since the types of soils present affected the ability of an area to support human populations. The Natural Resources Conservation Service indicates that the soils within the project area are well drained sandy loam.

Table 1: Soil Unit Descriptions for the project area					
Map Unit Symbol	Map Unit Name	Soil Horizons & Texture	Slope	Drainage	Landform
PnC	Paxton fine sandy loam	Ap - 0 to 8 inches: fine sandy loam Bw1 - 8 to 15 inches: fine sandy loam Bw2 - 15 to 26 inches: fine sandy loam Cd - 26 to 65 inches: gravelly fine sandy loam	8 to 15%	Well Drained	Drumlins, ground moraines, hills
PnD	Paxton fine sandy loam	Ap - 0 to 8 inches: fine sandy loam Bw1 - 8 to 15 inches: fine sandy loam Bw2 - 15 to 26 inches: fine sandy loam Cd - 26 to 65 inches: gravelly fine sandy loam	15 to 25%	Well Drained	Drumlins, ground moraines, hills

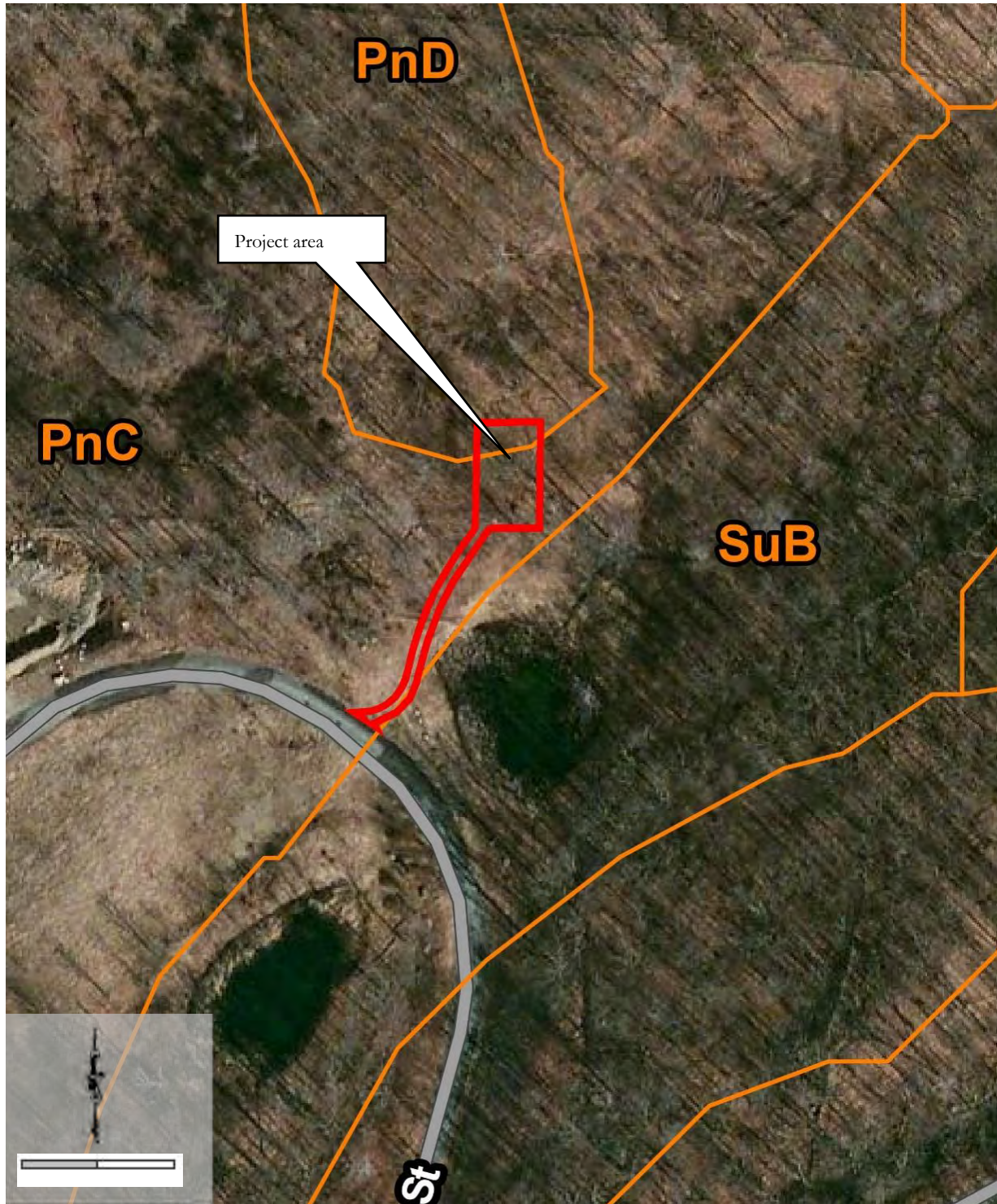


Figure 3: Aerial Image showing soil units within the project area. (Source: Natural Resources Conservation Service) Scale 1" = 165'.



Photo 1: View south from the center of the project area along the proposed access and utility corridor.



Photo 2: View west from the center of the project area.



Photo 3: View north from the center of the project area. The landscape is forested with a thick understory.



Photo 4: View east from the center of the project area.

4.0: Historic Context

The following discussion of historic and cartographic research provides information concerning the likelihood of encountering Map Documented Structures (MDS) and other intact historic cultural resources within the boundaries of the project area.

Historic Background

The project area is located within the town of Philipstown Putnam County, New York. Towards the end of the Revolutionary War, the New York State Legislature established a commission of forfeiture to proceed with the selling of lands formerly owned by Loyalists. Many prominent citizens within Putnam County were banished from the state and their property seized and sold. Under the Commission of Forfeiture the lands within the County were seized and renamed the Fredericksburg Patent, and Later Frederick's Town. Philipstown was one of the three original parcels of the Fredericksburg Patent.

Settlement in the town of Philipstown in the early 19th century was primarily in the village of Cold Spring. Cold Spring was a small settlement nestled on the shores of the Hudson River near the river's narrowest point. Cold Spring served as an industrial base throughout the Civil War. The West Point Foundry was established in Cold Spring and brought about an influx of workers who worked at the foundry. Outside of the village of Cold Spring, the landscape in the town of Philipsburg was primarily agricultural in nature with orchards, grains and livestock being the main crops. Goods were transported to Peekskill where they were shipped down the Hudson River to New York City. Dairy farming quickly became the predominant agricultural activity in Putnam County in the mid to late 19th century.

Throughout the 19th century there were significant changes to the landscape through the construction of toll roads and the railways. The large reservoirs located within Putnam and Westchester County altered the natural water courses, and filled in valleys. The landscape continued to change throughout the 20th century with the construction of major roadways and highways. By the latter portion of the 20th century, as the population of the town increased and numerous suburban neighborhoods were constructed. By the end of the 20th century large industrial companies had located to the southern portion of Putnam County, altering the suburban nature of the town.

Cartographic Research

HVCRC examined historical maps of Putnam County to identify possible structures, previous road alignments and other landscape features or alterations that would affect the likelihood that archeological and/or historic resources could be located within the project area. These maps are included in this report, with the boundaries of the project area superimposed. Nineteenth century maps frequently lack the accuracy of location and scale present in modern surveys. As a result of this common level of inaccuracy on the historic maps, the location of the project area is drafted relative to the roads, structures, and other features as they are drawn, and should be regarded as approximate. The historic maps included in this report depict the sequence of road construction and settlement/development in the vicinity of the project area.

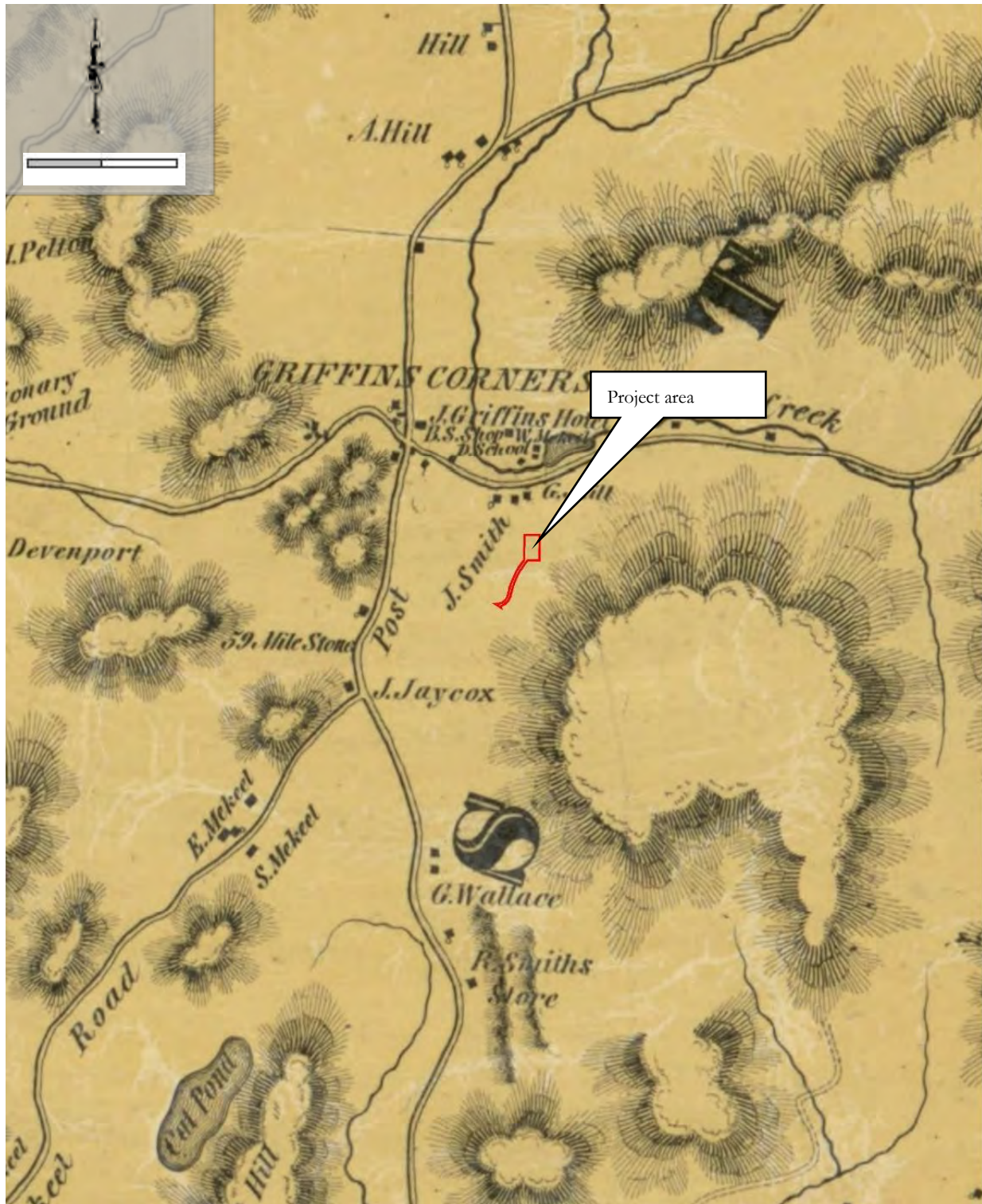


Figure 4: 1854 O'Connor Map of Putnam County, New York. (Source: Library of Congress) Scale: 1"=660'.

The earliest map examined is the Robert O'Connor Map of Putnam County, New York. The project area is located south of a farmstead owned by J. Smith. To the east of the project area is a large hill. No structures are shown within or adjacent to the project area boundaries.



Figure 5: 1875 F.W. Beers. *Atlas of Putnam County New York*. (Source: David Rumsey Cartography Associates) Scale: 1"=660.'

The 1875 *Atlas of Putnam County, New York* shows the project area is located in an area identified by Griffin's Corners. The project area is located to the east of an area identified as The Hill Farm. To the east of the project area the hillside features the term Iron, suggesting that this location was an iron mine, or had been documented as having iron in bedrock. No structures are shown within or adjacent to the project area boundaries.

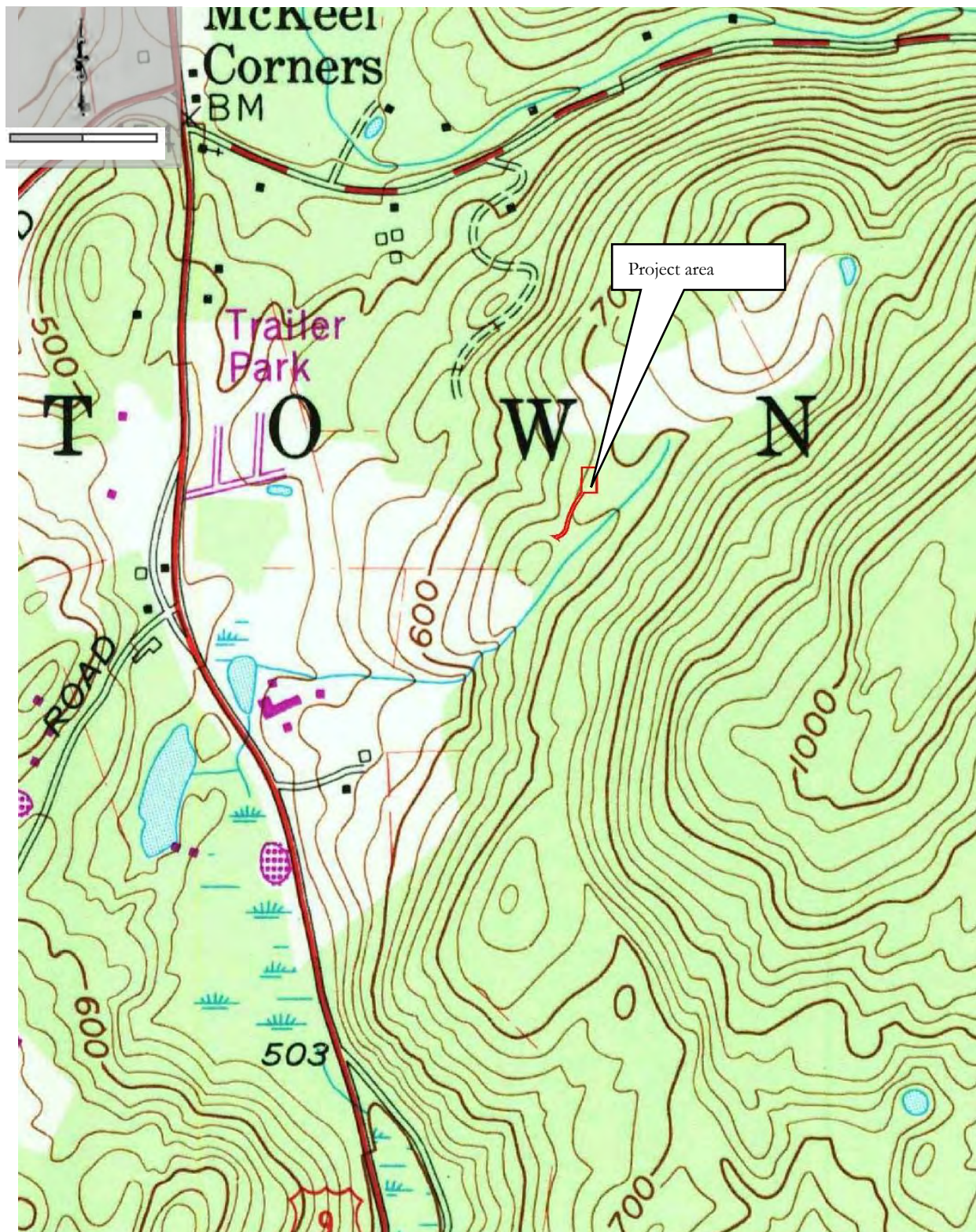


Figure 6: 1957 West Point USGS Topographical Quadrangle. (Source: USGS.gov) Scale: 1"=660'.

The 1957 topographical quadrangle indicates that the project area is located within a forested area. There is a stream depicted to the south of the project area. No structures are shown within or adjacent to the project area boundaries.

5.0: Records Review

In order to gather information on the history and prehistory of the Project Area and the surrounding region, HVCRC consulted historical documents and maps available at the Library of Congress, David Rumsey Cartography Associates and the New York Public Library. HVCRC reviewed the combined site files of the New York State Office of Parks, Recreation, and Historic Preservation (OPRHP) and the New York State Museum (NYSM) for information regarding previously recorded archeological sites within one mile (1.6 km) of the Project Area. HVCRC also consulted regional sources (e.g. Beauchamp 1900; Parker 1920; Ritchie 1980; Ritchie and Funk 1973) for descriptions of regional archeological sites. In addition, HVCRC consulted the files in CRIS for information regarding cultural resources listed on the State and/or National Register of Historic Places (S/NRHP) within one half mile of the Project Area.

Previously Recorded Archaeological Sites

No previously documented archaeological sites were identified within a one mile radius of the project area boundaries

Previously Completed Archaeological Surveys

As part of the research for this project, surveys completed for sites in the general area were consulted. One survey has been completed within a one mile radius of the project area.

Table 2: Previously Completed Archaeological Surveys within 1- mile radius		
Project Name	Survey Findings	Reference
Phase IA/IB Cultural Resource Management Survey of a Proposed Cell Tower, in the Town of Philipstown, Putnam Co.	The Phase 1B the location of a proposed cell tower location. A total of four shovel tests were completed. No cultural resources were identified.	Keener, Chris. 2005

National Register Eligible/Listed Sites

The National Register Database and OPRHP files were reviewed to identify structures on or in the vicinity of the project area that have been listed on the National Register of Historic Places or identified as National Register Eligible. There are no National Register Eligible or Listed sites in the vicinity of the project area.

Sensitivity Assessment

An assessment of whether significant cultural resources are likely to be present within the project area must consider what is known of the prehistory of the area, including likely locations of archaeological sites and proximity to known sites. In addition, the history of the immediate area, including whether any historic structures or features are known to exist within the project area boundaries, must be considered. Disturbance to the landscape and the soils on the property are also considered in this assessment.

Although no archaeological sites have been identified in the vicinity of the project area, there are environmental factors present on the project area which suggest that the undisturbed, level portions of the landscape have the

potential to contain pre-contact cultural resources. These factors include the proximity of the project area to a fresh water source, and the fact that level, well drained soils are identified within portions of the project area. The Pre-contact sensitivity of the project area is considered to be moderate to high.

Careful examination of the historic and topographical maps available indicate that the project area has been agricultural land for the latter portion of the 19th century. Given the fact that no historic structures are located within or adjacent to the project area, the historic sensitivity is considered to be low.

Phase 1B Archaeological Field Reconnaissance Survey

6.0 Archaeological Survey

On June 21, 2016 a Phase 1B Field Reconnaissance Survey was completed on the NY171-Philipstown Tower location. Archaeological fieldwork was supervised by Beth Selig MA, RPA. Field work was completed by Frank Spada and Matt Chmura under the direction of Beth Selig, who also completed the photography and the final report.

Archaeological Field Methodology

Areas selected for subsurface testing were identified during a comprehensive walkover of the area of potential effect, which served to evaluate the site, assess loci of disturbance, rule out slope and wetland areas, assess available raw material and habitation resources and determine former land usage. The project area is currently mown lawn.

The areas selected for shovel testing within the Area of Potential Effect (APE), were subjected to tests at intervals of 50' (15 m) and 20' (6.09 m) on a grid plan covering the APE and a 25' (7.5 m) buffer outside of the APE boundary. The locations of the tests and disturbed areas were recorded on a large-scale map that shows surveyed borders and the locations of the various structures identified on the site. (Figure 7: Field Reconnaissance Map)

The field methodology employed at the NY171-Philipstown Tower location consisted of several stages of investigation. These included:

1. A walkover and visual inspection of the site to assess areas of potential sensitivity for pre-contact cultural remains.
2. Systematic visual inspection of the land surface to rule out the presence of rock faces and overhangs.
3. Shovel testing in the areas identified as having a potential sensitivity for pre-contact remains.
4. Photographic documentation of the overall site.

The methodology for shovel testing in the sensitive areas involved excavating 45 cm (22.4") diameter shovel tests at standard intervals within APE. Shovel Tests were excavated a minimum of 10 cm (4") into sterile subsoil, unless terminated by rock obstructions. Soils were passed through a ¼ inch steel mesh screen, and the material remaining in the screens was carefully examined for cultural material. Had items been recovered from the screens they would have been assigned to the stratum from which they were obtained. The stratigraphy of each test was recorded, including the depth and the soil description of each layer. (See Appendix A) Had cultural materials been recovered, they would have been bagged, labeled, and returned to the laboratory for processing, however no cultural material was identified.



Photo 5: View to the south along the proposed access corridor toward Vineyard Road.



Photo 6: The soils encountered consisted of a dark yellow brown silty sand with grave overlying a yellow brown compact silty sand.



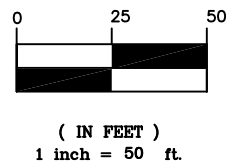
Photo 7: The small pond is currently overgrown with cattail reeds. View to the north.



Photo 6: View to the north along the proposed access and utility corridor from Vineyard Road.



Figure 7: NY171-Philipstown Tower Location
Phase 1B Field Reconnaissance Map
Scale 1" = 50'



7.0 Archaeological Survey Results

Field investigations began with an initial walkover of the surface of the APE. The field team utilized GPS technology to identify the boundaries of the proposed compound and the location of the proposed access corridor. A 25' (7.6 m) buffer was observed around the boundaries of the compound, establishing the APE of the compound as a 130' by 110' (39.6 m by 33.5 m) square, with a utility corridor 200' (60.9 m) in length that connects to Vineyard Road. The surface conditions permitted only 10% visibility due to the grass and weeds covering the project area. Due to the limited visibility, subsurface investigations were necessary to adequately document whether cultural materials were present.

Within the proposed compound, Transects (TR) were laid out at 50' (15 m) intervals across the APE. Shovel tests were completed at 50' (15.2 m) intervals along transects within the compound. A total of nine tests were laid out along three transects within the boundaries of the proposed project area. The shovel tests completed within the compound identified a dark yellow brown silty sand with gravel overlying a yellow brown compact silty sand. The soils within the proposed compound are consistent with the soil type identified on the Natural Resources Conservation soils survey, which indicates that the soils are well drained sandy loam.

Once the testing within the compound was completed the field team completed shovel tests along the proposed access and utility corridor. Four shovel tests were completed along the proposed access and utility corridor south from the proposed compound. The soils identified were consistent with the soils identified within the project compound. At the southern extent of the proposed access corridor, the shovel tests placed on top of the drainage culvert and adjacent to Vineyard Road identified a yellow brown silty clay with rock. No cultural materials were identified within the project area.

8.0 Conclusions and Recommendations

In July of 2016, HVCRC completed a Phase 1 Cultural Resource Survey of the NY171-Philipstown tower location on behalf of CBRE. The project area is located in the town of Cold Spring, Putnam County New York. Based on the cultural and environmental assessment completed, it was determined that the site met the ecological criteria for the potential to contain pre-contact cultural resources. A total of 13 shovel tests were completed within the proposed project area, however no cultural resources of any kind were identified on the site, and it is the recommendation of Hudson Valley Cultural Resource Consultants that no further archaeological testing be required for the NY171-Philipstown Tower location.

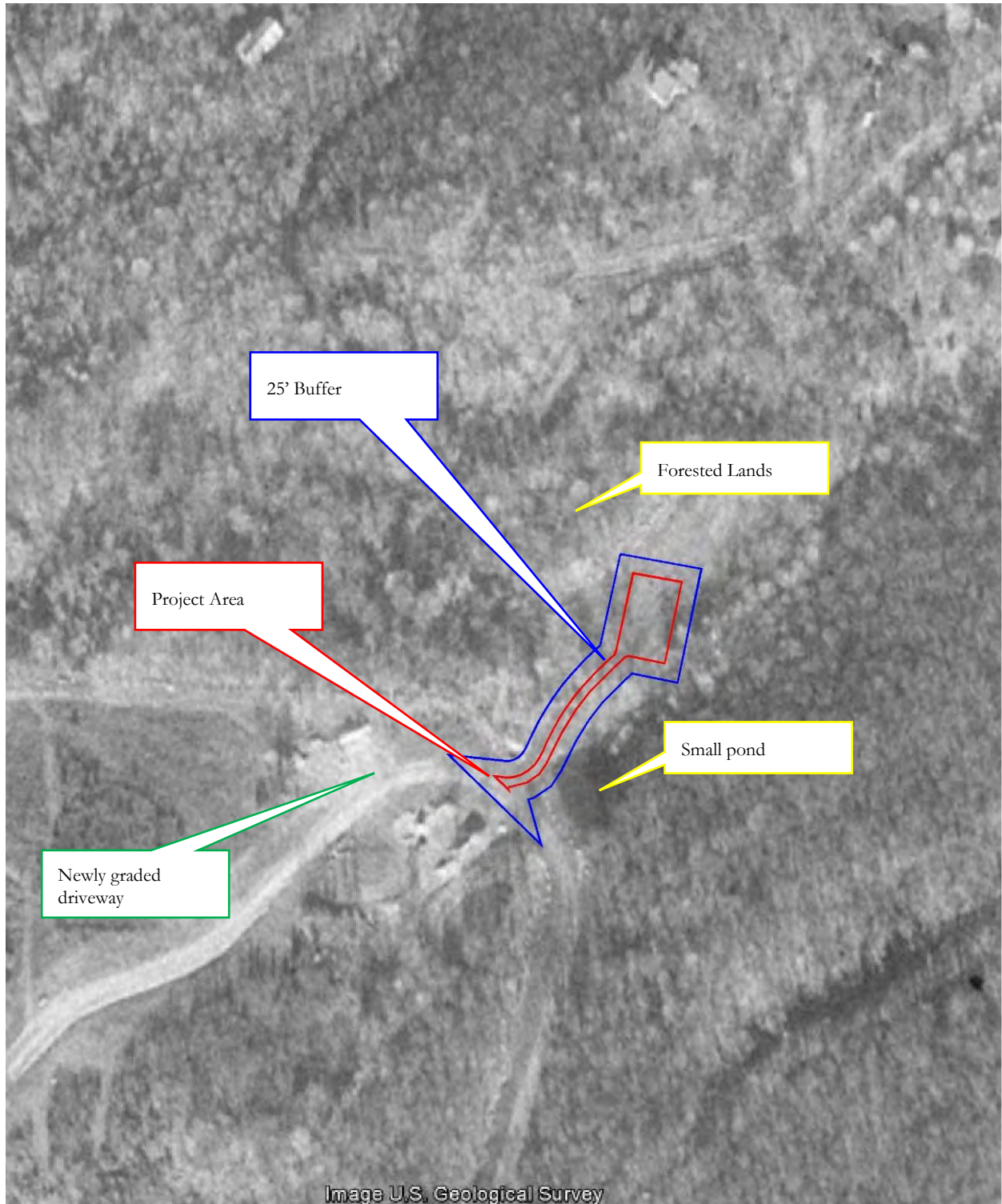


Figure 8: 1998 Aerial Image depicting the Land Use within the vicinity of the project area. (Source: Google Earth). Scale 1"=220'.

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2013 United State Geological Survey Topographical Map. Lake Carmel Quadrangle. 7.5 Minute Series.

2013 United State Geological Survey Topographical Map. Brewster Quadrangle. 7.5 Minute Series.

1956 United State Geological Survey Topographical Map. Lake Carmel Quadrangle. 7.5 Minute Series.

1960 United State Geological Survey Topographical Map. Brewster Quadrangle. 7.5 Minute Series.

Wyandotte Nation

2013 Archaeological Field Work and Reporting Requirements for Cell Towers and other Section 106, NHPA Projects. Wyandotte,

Transect	STP	Level	Depth (in)	Depth (cm)	Munsell	Soil Description	Cultural Material	GPS Coordinates
TR 1	1	1	0-4	0-10	10YR4/4	Dark yellow brown silty loam	NCM	41°25'57.80"N 73°54'32.86"W
		2	4-9	10-21	10YR5/6	Yellow brown very dry, silty clay, terminated at subsoil	NCM	
	2	1	0-6	0-15	10YR4/4	Dark yellow brown silty loam	NCM	41°25'57.50"N 73°54'32.97"W
		2	6-12	15-31	10YR5/6	Yellow brown very dry, silty clay, terminated at subsoil	NCM	
	3	1	0-7	0-17	10YR4/4	Dark yellow brown silty loam	NCM	41°25'57.15"N 73°54'33.14"W
		2	7-11	17-31	10YR5/6	Yellow brown very dry, silty clay, terminated at subsoil	NCM	
TR 2	4	1	0-7	0-17	10YR4/4	Dark yellow brown silty sand with gravel	NCM	41°25'58.02"N 73°54'33.15"W
		2	7-11	17-27	10YR5/6	Yellow brown compact silty sand, terminated at subsoil.	NCM	
	5	1	0-6	0-14	10YR4/4	Dark yellow brown silty sand with gravel	NCM	41°25'57.73"N 73°54'33.38"W
		2	6-10	14-25	10YR5/6	Yellow brown compact silty sand, terminated at subsoil.	NCM	
	6	1	0-1	0-2	10YR4/4	Dark yellow brown silty sand with gravel	NCM	41°25'57.28"N 73°54'33.55"W
		2	1-5	2-13	10YR5/6	Yellow brown compact silty sand, terminated at subsoil.	NCM	
TR 3	7	1	0-11	0-28	10YR5/4	Yellow brown silty loam with rock, terminated at rock obstruction	NCM	41°25'58.07"N 73°54'33.41"W
	8	1	0-9	0-23	10YR5/4	Yellow brown silty loam with rock, terminated at rock obstruction	NCM	41°25'57.86"N 73°54'33.88"W
	9	1	0-3	0-8	10YR4/4	Dark yellow brown silty loam	NCM	41°25'57.63"N 73°54'34.05"W
		2	3-11	8-28	10YR5/4	Yellow brown silty loam with rock, terminated at subsoil.	NCM	
TR 4	10	1	0-7	0-17	10YR4/4	Dark yellow brown silty loam	NCM	41°25'56.70"N 73°54'33.54"W
		2	7-9	17-23	10YR5/6	Yellow brown silty clay with rock, terminated at sterile subsoil.	NCM	

Transect	STP	Level	Depth (in)	Depth (cm)	Munsell	Soil Description	Cultural Material	GPS Coordinates
	11	1	0-3	0-8	10YR4/4	Dark yellow brown silty loam	NCM	41°25'56.18"N 73°54'34.02"W
		2	3-9	8-23	10YR5/6	Yellow brown sitly clay with rock, terminated at sterile subsoil.	NCM	
	12	1	0-1	0-3	10YR5/6	Yellow brown sitly clay with rock, terminated at sterile subsoil.	NCM	41°25'55.75"N 73°54'34.66"W
	13	1	0-10	0-25	10YR5/6	Yellow brown fill, terminated at rock.	NCM	41°25'55.26"N 73°54'35.22"W

Resume

Beth Selig, M.A., R.P.A.

Professional Associations

Executive Member, New York Archaeological Council

Register of Professional Archaeologists

Society for Historical Archaeology

Dutchess County Historical Society

Professional History

2015 President/ Project Manager/Lead Archaeologist
Hudson Valley Cultural Resource Consultants Ltd.

Provide archaeological oversight for project proposals, cultural resource studies (Phases 1A and 1B), Historic Building Assessment, Phase 2 Cultural Resource Studies and Phase 3 Data Recovery Investigations.

2005 to Project Archaeologist: CITY/SCAPE: Cultural Resource Consultants
2014 166 Hillair Circle, White Plains, NY 10605

Provide support for post excavation processing (artifact analysis, mapping, documentary & cartographic research) for cultural resource studies (Phases 1A and 1B), Phase 2 Cultural Resource Studies and Phase 3 Data Recovery Investigations.

2003 to Field/Laboratory Technician: John Milner Associates
2005 Croton-on-Hudson, New York

1998 to Field/Laboratory Technician: CITY/SCAPE: Cultural Resource Consultants
2003 166 Hillair Circle, White Plains, NY 10605

Education

Empire State College, (SUNY) New York, NY, Masters of Arts in Liberal Studies . 2012

Dutchess County BOCES AUTO CAD Certificate, 2009

University at Albany, (SUNY) Albany, New York, Bachelors in Anthropology and Archaeology. Dean's List. Cum Laude. 2002

Professional Certifications

2002 Hazwoper- 40 Hour Training

2011 CPR for the Professional Rescuer

Resume

Matt Chmura

Professional History

- 2015 Junior Field Technician: Hudson Valley Cultural Resource Consultants.
Provide archaeological assistance with cultural resource studies (Phases 1A and 1B), Phase 2 Cultural Resource Studies and Phase 3 Data Recovery Investigations.
- 2014 Dutchess Community College Field School – Bowdoin Park, New York.

Education

State University of New York at Binghamton Bachelor of Arts in Anthropology & History 2015-2017

Resume

Frank Spada, M.A.

Professional History

2015	Senior Field Technician: Hudson Valley Cultural Resource Consultants. Provide archaeological assistance with cultural resource studies (Phases 1A and 1B), Phase 2 Cultural Resource Studies and Phase 3 Data Recovery Investigations.
2005 to 2014	Field Technician for CITY/SCAPE: Cultural Resource Consultants 166 Hillair Circle, White Plains, NY 10605
2013 to 2014	Archaeological Monitor- City of Kingston DOT Kingston, New York
2003 to 2005	Field Technician for John Milner Associates 1 Croton Point Ave, Croton on Hudson, New York.
1993 to 2013	Field Technician for Joe Diamond, PhD.. 290 Old Route 209, Hurley New York
1991 to 1996	Field Technician for Grossman & Associates New York, New York

Education

SUNY New Paltz, New Paltz, NY, Masters in Early Education. 2000

SUNY New Paltz, New Paltz, NY, Bachelors in Anthropology and Archaeology. 1991

SUNY New Paltz, Archaeological Field School, with Leonard Eisenberg. 1980

HISTORIC PROPERTIES FOR
VISUAL EFFECTS

HISTORIC PROPERTIES FOR VISUAL EFFECTS

Based on a SHPO file review completed by Julie Labate, Sr. Project Manager – Archaeologist on June 28, 2016 no properties previously determined by SHPO to be eligible or listed on the National Register of Historic Places were identified within the APE-VE.



SHPO HISTORIC PROPERTIES MAP

SOURCE: NY SHPO



Applicant's Name: Homeland Towers, LLC
Project Name: NY171 – Philipstown
CBRE Project Number: TS60615701



AERIAL MAP

SOURCE: BING 2016



Applicant's Name: Homeland Towers, LLC
Project Name: NY171 – Philipstown
CBRE Project Number: TS60615701

From: [Warren, James \(PEB\)](#)
To: [Berezowsky, Adrian](#)
Subject: RE: FCC Tower Submissions - Post Consultation Changes
Date: Friday, September 24, 2010 1:05:51 PM

Adrian,

I provide the following comments with the caveat that review procedures are largely set by the Nationwide Programmatic Agreement, as interpreted by the FCC. That said, my response on how I would view these cases is below "interleaved" with the specific item:

From: Berezowsky, Adrian [mailto:adrian.berezowsky@ivi-intl.com]
Sent: Wednesday, September 22, 2010 5:45 PM
To: Warren, James (PEB)
Subject: FCC Tower Submissions - Post Consultation Changes

In order to alleviate the numerous instances of consultation with your office after concurrence has already been achieved, either due to a discrepancy in the initial submission or due to a change in the proposed project after such concurrence has already been rendered, IVI Telecom Services, Inc. asks that the NY Office of Parks, Recreation & Historic Preservation (NY SHPO) provides feedback as to whether it has any concerns with any of the following scenarios:

1. A change in the height of a proposed tower (monopole, guyed, lattice, etc.) to a height above ground level (agl) lower than originally submitted and approved.

a. I would have no interest in reopening a review for a reduction in height unless it might lessen an effect finding and be to the applicant's benefit.

2. A change in the height of a proposed tower to a height agl higher than originally submitted and approved but within the same range of height for presumed areas of potential effect (APE) as designated in the FCC's 2005 Nationwide Programmatic Agreement (1/2 mile for 200' agl or less, 3/4 mile for greater than 200' agl but less than 400' agl, and 1 1/2 miles for greater than 400' agl) unless otherwise established through consultation with the NY SHPO or interested tribes. The above scenario assumes that the original determination was either No Historic Properties within the APE or No Effect on Historic Properties within the APE and that an updated review of those properties listed and/or eligible for listing within the National Register of Historic Places (NRHP) and State Register of Historic Places (SRHP) within the APE has not revealed any new properties which could potentially be affected by the tower as proposed.

b. Not likely to be a concern but if it would be considered a "substantial increase" if proposed for an existing tower, I would expect to see it. See "definitions" in the Programmatic for Collocations at I-C for when an increase is considered substantial. An additional 10% in height is one threshold.

3. A change in the height agl of any antenna collocation on an existing structure where the initial submission did not determine the structure as listed and/or eligible for listing within the NRHP and/or SRHP and where the initial determination was either No Historic Properties within the APE or No Effect on Historic Properties within the APE.

c. That would have to be on a case-by-case basis, I think. Cell consultants are all over the place in effect findings...some say "no effect" for projects that should be called "no adverse

effect" and we don't have the time to get them to make those subtle changes when the end result is the same. I did just ask someone to change "No Historic Properties" for direct effect to "No Adverse" since the antennas were going on a listed building - but that was unusual and I was cranky that day.

4. The addition of a lightning rod (typically approximately 5' in length) to the top of a proposed tower where such lightning rod was not included in the initial submission.

d. Not worth the paper or electrons to resubmit.

5. A change in coordinates of a proposed tower or the collocation of antennas on an existing structure where the maps, aerials, lease exhibits, constructions drawings, etc. in the submission showed the correct approximate location.

e. We don't use coordinates and rely on the submitted maps and aerial photos...then we go to Bing Maps and scout the area.

6. Minor discrepancies with the address of a proposed tower or the collocation of antennas on an existing structure where the maps, aerials, lease exhibits, constructions drawings, etc. in the submission showed the correct location.

f. The address would be more important in developed areas. Rural addresses are generally the farm house that the tower is a 1/4 mile behind. Either way we check the aerial views and can usually match the rooftop plan in Bing or Google maps to verify the proper bldg. Close is usually good enough.

7. Any combination of the above scenarios in 1 - 6.

I look forward to the NY SHPO's response.

Sincerely,

Adrian Berezowsky, LEED AP

Vice President

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IVI Telecom Services, Inc. offers a wide spectrum of environmental services for nationwide telecommunications infrastructure development ranging from environmental site assessments to FCC/NEPA screenings and Section 106 consultations. At IVI, we understand your program and schedule constraints and use our expertise to realize your goals in a cost effective and timely manner.