

November 8, 2006

Natalie Ketcham, First Selectman  
P.O. Box 1028  
Redding, Connecticut 06875

To comply with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended, Infinigy Engineering, PLLC (Infinigy), on behalf of Sprint Spectrum, LP (Sprint PCS), has retained Vanasse Hangen Brustlin, Inc. (VHB) to evaluate proposed carrier Facilities for any adverse effect it may have on historic properties. As part of this evaluation, and in conformance with the Nationwide Programmatic Agreement (NPA) for review of effects on historic properties for proposed undertakings, VHB is submitting this tower construction notification to the Town of Redding's municipal offices.

Sprint PCS is proposing to install a new wireless telecommunications facility, consisting of a ±120-foot tall monopole, antenna, and associated ground equipment, located at 186 Black Rock Turnpike in Redding, Connecticut. The existing ±75-foot tall lattice tower facility will be removed. This new facility will provide improved wireless coverage to areas of Redding.

The purpose of this letter is to notify the Town of Redding that public notice of this proposed Facility will be published in the Redding Pilot on November 16, 2006 and to invite comments regarding any potential effects that the proposed Facility may have upon historic properties from relevant individuals or groups that you may be aware of.

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

VHB will be accepting comments and/or questions within 30 days of the date of this publication. Therefore, all comments or questions regarding this matter should be postmarked/submitted by no later than December 16, 2006.

November 25, 2006

Natalie Ketcham, First Selectman  
P.O. Box 1028  
Town Office Building  
Redding, Connecticut 06875

RE: Review and recommendations regarding Vanasse Hangen Brustlin, Inc. (VHB) evaluation of Sprint PCS proposal for a new telecommunications facility, consisting of a  $\pm$  120-foot tall monopole, antenna, and associated ground equipment, to be located at 186 Black Rock Turnpike in Redding, Connecticut.

Dear Natalie,

As requested, I have reviewed the letter submitted to you by VHB, dated November 8, 2006 and have the following recommendations regarding potential adverse effects this proposal may have on surrounding historic properties.

1). The proposed project indicates that the existing  $\pm$  75 foot tall lattice tower facility will be removed and replaced with a larger facility, consisting of a  $\pm$ 120-foot tall monopole, antenna, and associated ground equipment. This new construction might cause ground disturbances in close proximity to an historic cemetery. The Ridge Cemetery has been recorded as archeological site 117-100 with the Office of the State Archaeologist. The proposed project also is in proximity to areas considered to be sensitive for prehistoric archaeological sites (Reeve, 1999). Therefore, it is recommended that an archaeological reconnaissance survey should be conducted by VHB, as set forth in the *Environmental Review Primer for Connecticut's Archaeological Resources* (Poirier 1987), in order to comply with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended.

2). It is further recommended that a view-shed analysis should be conducted of visual impacts on properties listed on, or potentially eligible for listing, on the National Historic Register of Historic Places. VHB should consult the following reports on file with Connecticut State Historic Preservation Office and/or the Office of the State Archaeologist in order to ascertain a complete list of the historic properties that will be adversely effected by the visual impact of the proposed project;

*Cultural Resource Survey of Redding, Connecticut.* Preservation Computer Services, Inc. 1988

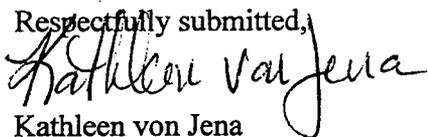
*Phase I Cultural Resource Survey of Redding, Connecticut.* Preservation Computer Services, Inc. 1995.

*An Historical and Archeological Assessment Survey of Redding, Connecticut*, by  
Stuart A Reeve, Ph. D. September 1999.

*The History and Archeology of Poverty Hollow; The Rise and Fall of an  
Industrial Community in Redding, Connecticut*, by Kathleen von Jena and Stuart  
A. Reeve, Ph.D. December 2002.

Please feel free to contact me if I can be of further assistance with this proposal.

Respectfully submitted,



Kathleen von Jena  
Archaeologist/ Municipal Historian  
Redding, Connecticut

CC: Nick Bellantoni, State Archaeologist  
David Poirier, Staff Archaeologist, Ct, SHPO  
Jo-an Brooks, Redding Land-Use Coordinator

**Redding Planning Commission**

P.O. Box 1028  
Redding Center, Connecticut 06875-1028

November 30, 2006

Natalie Ketcham, First Selectman  
Board of Selectmen  
Town of Redding  
Post Office Box 1028  
Redding Center, Connecticut 06875

Dear Natalie,

Thank you for your referral of the 120' Cellular Tower proposed by Sprint at the Redding Ridge Fire House.

At its meeting of November 28, 2006, the Planning Commission concurred with Kathleen von Jena's report and hope that her recommendations will be followed.

The Commission felt that because of the existing appropriately sized flag pole on the property and another in close proximity it would be redundant to place an additional flag pole. In addition, the size of such a pole is very large in diameter and the flags are thus oversized proportionately.

Yours very truly,

*Diane F. Taylor/cpk*  
Diane F. Taylor  
Chairman

DFT:cpk

md:selectmen-cell tower



# Town of Redding

100 Hill Road - P.O. Box 1028  
Redding, Connecticut 06875

Natalie Ketcham  
First Selectman

203-938-2002  
FAX 203-938-8816

December 6, 2006

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

Dear Ms. Dentamaro:

Thank you for your letter of November 8, 2006 requesting comment from the Town of Redding on the potential historic property impacts from a new wireless telecommunications facility located at 186 Black Rock Turnpike. Attached please find a report from our Town Historian on the subject, and a letter endorsing her recommendations from the Redding Planning Commission.

In accordance with Section 106 of the National Historic Preservation Act of 1966, please take the Town of Redding's comments into consideration as part of the required evaluation of effects on historic properties. If you have any questions, you may reach me by phone at the above number. Thank you.

Sincerely,

Natalie Ketcham  
First Selectman

CC: Redding Fire and EMS Company 1 Commissioners  
Redding Planning Commission



December 11, 2006

Ref: 40938.00

Kathleen von Jena, Archaeologist/Municipal Historian  
61 Old Stage Coach Road  
Redding, Connecticut 06896

Re: Proposed Wireless Telecommunications Facility Replacement  
Redding Ridge Fire Department  
186 Black Rock Turnpike  
Redding, CT  
Sprint PCS Site CT54XC768

Dear Ms. von Jena,

On December 8, 2006, Vanasse Hangen Brustlin, Inc. (VHB) received your written comments addressed to Ms. Natalie Ketcham, First Selectman, regarding your review of Sprint Spectrum, L.P.'s (Sprint PCS) proposal of a new wireless telecommunications facility at the above referenced property located in Redding, Connecticut. In your letter dated November 25, 2006 (a copy of the letter is attached for your reference), you recommend conducting an archaeological reconnaissance survey and a view-shed analysis at the project site. Enclosed, please find a copy of our complete original project review submission to David Poirier, Staff Archaeologist of the State of Connecticut Commission on Cultural and Tourism Historic Preservation and Museum Division, State Historic Preservation Office (SHPO) dated November 8, 2006. A Phase Ia Cultural Resources Assessment Survey and Visual Resources Evaluation have been completed for the proposed project, and both reports were included in our original submission to Mr. Poirier. Also attached, please find a copy of SHPO's "no effect" letter dated November 9, 2006.

To fulfill our requirements under Section 106, we respectfully request your review and written comments regarding the potential effect or no effect of proposed activities on any historic properties. Thank you in advance for your prompt consideration of this request.

Very truly yours,

VANASSE HANGEN BRUSTLIN, INC.

Nicole Dentamaro  
Environmental Scientist  
Enclosures

cc: Natalie Ketcham, First Selectman, P.O. Box 1028, Town Office Building, Redding, CT 06875



Vanasse Hangen Brustlin, Inc.

November 8, 2006

Ref: 40938.00

David Poirier, Staff Archaeologist  
State of Connecticut Commission on Cultural and Tourism  
Historic Preservation and Museum Division  
Amos Bull House, 59 South Prospect Street  
Hartford, Connecticut 06106-1901

Re: Proposed Wireless Telecommunications Facility Replacement  
Redding Fire Department  
186 Black Rock Turnpike  
Redding, CT  
Sprint PCS ID #CT54XC768

Dear Mr. Poirier:

Vanasse Hangen Brustlin, Inc. (VHB) has been retained by Infinigy Engineering, PLLC (Infinigy), on behalf of Sprint Spectrum, L.P. ("Sprint PCS"), to review environmental resource information outlined in 47 CFR Ch.1 § 1.1307 sections (a) and (b) for environmental consequences pursuant to the Federal Communications Commission ("FCC or Commission") requirements. VHB determines the presence of resources listed under the National Environmental Policy Act (NEPA) on or near sites of proposed wireless telecommunications facilities. Results of this screening process for the proposed facility in Redding are depicted on the enclosed Cultural Resources Screen map.

Sprint PCS is proposing to install a new wireless telecommunications facility, consisting of a ±120-foot tall monopole, antenna, and associated ground equipment located at the Redding Fire Department, 186 Black Rock Turnpike, Redding, Connecticut. The existing ±75-foot tall lattice tower facility will be removed. The new ±120-foot tall monopole facility will be installed approximately 15 feet east of the existing facility within a chain-link fence enclosed compound area. Access to the proposed facility will be provided via the existing asphalt-paved access from Black Rock Turnpike. Approximate coordinates for the proposed facility are 41° 18' 35" north Latitude and 73° 20' 53".

The Cultural Resources screening did not reveal the existence of any historic or architectural resources listed or determined eligible for listing on the National Register of Historic Places or Indian religious sites at or within 0.5-mile of the proposed project area. However, 14 older structures included in the Town of Redding's historic resources inventory are identified within 0.5-mile of the Site. An address listing of these structures is attached.

The cohesive concentration of older residences dating from the late 18<sup>th</sup> century through the late 19<sup>th</sup> century and the c. 1880 Saint Patrick's Church and c. 1840 Christ Episcopal church along Black Rock Turnpike and adjacent streets of Meeker Hill Road and Cross Highway is recommended eligible for the National Register of Historic Places. Many of the buildings are also excellent individual examples of popular 19<sup>th</sup> century architectural styles. As a whole, the buildings are also associated with the late 18<sup>th</sup> and 19<sup>th</sup> century development of Redding.

As a result of this screening, VHB conducted a Visual Resources Evaluation, which included a balloon float on October 17, 2006 at the Site to approximate the visibility of the proposed Facility within a two-mile radius (a copy of this report is attached for your reference). During this evaluation, VHB took photographs of views from the structures identified on the town's historic resources inventory located within 0.5-mile of the Site towards the proposed Facility/balloon. According to our field investigation, the balloon was found to be visible from two of the fourteen structures, which include the Saint Patrick's Church located at 169 Black Rock Turnpike ( $\pm 0.13$ -mile southwest of the Site) and a residential structure located at 161 Black Rock Turnpike ( $\pm 0.22$ -mile south of the Site). Based on existing tree cover, the Facility is only expected to be seasonally visible from the house located at 161 Black Rock Turnpike. During full leaf-on season conditions, the view of the Facility from this house will likely be screened by deciduous trees in the viewshed. Please see our attached Photographic Documentation and Simulation, which includes views towards the Facility/balloon from the structures identified on the town's historic resources inventory located within 0.5-mile of the Site.

Based on this evaluation, VHB has determined that the construction of the new monopole would not have an adverse visual effect on the two individual buildings noted above or the recommended historic district.

In addition, A Phase Ia Cultural Resources Assessment Survey report prepared by Heritage Consultants, LLC dated October 2006 was completed for the proposed Facility. Heritage Consultants, LLC concluded that "In sum, the current undertaking revealed that the planned telecommunications facility is located on land that has been substantially reworked during construction and use of the adjacent volunteer fire department building. The analysis of historic maps, topographic sheets and aerial imagery depicting the project region, as well as a pedestrian survey and mapping of the Area of Potential Effect [sic], confirmed that the proposed study area has been impacted heavily in the past and no longer retains archaeological potential. It is the professional opinion of Heritage Consultants, LLC that the Area of Potential Effect [sic] does not need to be examined using subsurface techniques prior to the construction of the planned cellular communications facility. No additional archeological fieldwork is recommended." A copy of this survey is enclosed for your review.

We respectfully request a written opinion from your office regarding the potential effect or no effect of proposed activities on any historic properties. At your earliest convenience, please forward correspondence to my attention. Thank you in advance for your prompt consideration for this request.

Very truly yours,

~~YANASSE HANGEN BRUSTLIN, INC.~~

  
Nicole Dentamaro  
Environmental Scientist

Enclosures

cc: Redding Historical Society, 43 Lonetown Road, West Redding, CT 06896  
Mr. Charlie Couch, Town Historian, 5 Topstone Road, Redding, CT 06896



# NT Submission Packet

## New Tower ("NT") Submission Packet

### FCC FORM 620

#### Introduction

The **NT Submission Packet** is to be completed by or on behalf of Applicants to construct new antenna support structures by or for the use of licensees of the Federal Communications Commission ("FCC"). The **Packet (including Form 620 and attachments)** is to be submitted to the State Historic Preservation Office ("SHPO") or to the Tribal Historic Preservation Office ("THPO"), as appropriate, before any construction or other installation activities on the site begin. Failure to provide the Submission Packet and complete the review process under Section 106 of the National Historic Preservation Act ("NHPA")<sup>1</sup> prior to beginning construction may violate Section 110(k) of the NHPA and the Commission's rules.

The instructions below should be read in conjunction with, and not as a substitute for, the "Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission," dated September 2004, ("Nationwide Agreement") and the relevant rules of the FCC (47 C.F.R. §§ 1.1301-1.1319) and the Advisory Council on Historic Preservation ("ACHP") (36 C.F.R. Part 800).<sup>2</sup>

#### Exclusions and Scope of Use

The **NT Submission Packet should not be submitted for undertakings that are excluded from Section 106 Review.** The categories of new tower construction that are excluded from historic preservation review under Section 106 of the NHPA are described in Section III of the Nationwide Agreement.

Where an undertaking is to be completed but no submission will be made to a SHPO or THPO due to the applicability of one or more exclusions, the Applicant should retain in its files documentation of the basis for each exclusion should a question arise as to the Applicant's compliance with Section 106:

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<sup>1</sup> 16 U.S.C. § 470f.

<sup>2</sup> Section II.A.9. of the Nationwide Agreement defines a "historic property" as: "Any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian Organization that meet the National Register criteria."

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB  
3060-1039

Estimated Time Per Response:  
.5 to 10 hours

The NT Submission Packet is to be used only for the construction of new antenna support structures. Antenna collocations that are subject to Section 106 review should be submitted using the Collocation ("CO") Submission Packet (FCC Form 621).

**General Instructions: NT Submission Packet**

Fill out the answers to Questions 1-5 on Form 620 and provide the requested attachments. Attachments should be numbered and provided in the order described below.

For ease of processing, provide the Applicant's Name, Applicant's Project Name, and Applicant's Project Number in the lower right hand corner of each page of Form 620 and attachments.<sup>3</sup>

**1. Applicant Information**

Full Legal Name of Applicant: Infingy Engineering, PLLC on behalf of Sprint PCS

Name and Title of Contact Person: See Information Below

Address of Contact Person (including Zip Code):  
\_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail address: \_\_\_\_\_

**2. Applicant's Consultant Information**

Full Legal Name of Applicant's Section 106 Consulting Firm:

Vanasse Hangen Brustlin, Inc.

Name of Principal Investigator: Nicole Dentamaro/Rita Walsh

Title of Principal Investigator: Environmental Scientist/Senior Preservation Planner

Investigator's Address: 54 Tuttle Place

<sup>3</sup> Some attachments may contain photos or maps on which this information can not be provided.

Applicant's Name: Sprint PCS  
Project Name: CT54XC768  
Project Number: 40938

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB  
3060-1039  
Estimated Time Per Response:  
.5 to 10 hours

City:    Middletown    State    CT    Zip Code    06457   

Phone:    860-632-1500    Fax:    860-632-7879   

E-mail Address:    ndentamaro@vhb.com   

Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?<sup>4</sup> YES / NO. Rita Walsh - Yes

Areas in which the Principal Investigator meets the Secretary of the Interior's Professional Qualification Standards:    Architectural Historian and Historian   

Other "Secretary of the Interior qualified" staff who worked on the Submission Packet (provide name(s) as well as well as the area(s) in which they are qualified):  
   Heritage Consultants, LLC. (Ms. Catherine Labadia, exceeds the Secretary of the Interior's qualifications standards for archeologists as outline in 36 CFR Part 61)   

**3. Site Information**

a. Street Address of Site:    186 Black Rock Turnpike   

City or Township:    Redding   

County / Parish:    Fairfield    State:    CT    Zip Code:    06896   

b. Nearest Cross Roads:    Black Rock Turnpike    /    Meeker Hill Road   

c. NAD 83 Latitude/Longitude coordinates (to tenth of a second):

   N 41° 18' 35.82"; W 72° 30' 51.39"   

<sup>4</sup> The Professional Qualification Standards are available on the cultural resources webpage of the National Park Service, Department of the Interior; <[http://www.cr.nps.gov/local-law/arch\\_stnds\\_9.htm](http://www.cr.nps.gov/local-law/arch_stnds_9.htm)>. The Nationwide Agreement requires use of Secretary-qualified professionals for identification and evaluation of historic properties within the APE for direct effects, and for assessment of effects. The Nationwide Agreement encourages, but does not require, use of Secretary-qualified professionals to identify historic properties within the APE for indirect effects. See Nationwide Agreement, §§ VI.D.1.d, VI.D.1.e, VI.D.2.b, VI.E.5.

Applicant's Name:    Sprint PCS     
Project Name:    CT54XC768     
Project Number:    40938

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB  
3060-1039  
Estimated Time Per Response:  
.5 to 10 hours

d. Proposed tower height above ground level:<sup>5</sup> 150 feet; 45.72 meters

e. Tower type:

guyed-lattice tower  self-supporting lattice  monopole

other (briefly describe tower) \_existing +/75-foot self-support lattice tower to be removed

**4. Project Status:<sup>6</sup>**

- a.  Construction not yet commenced;
- b.  Construction commenced on [date] \_\_\_\_\_; or,
- c.  Construction commenced on [date] \_\_\_\_\_ and was completed on [date] \_\_\_\_\_.

**5. Applicant's Determination of Effect:**

a. Direct Effects (check one):

- i.  No Historic Properties in Area of Potential Effects ("APE") for direct effects;
- ii.  "No effect" on Historic Properties in APE for direct effects;
- iii.  "No adverse effect" on Historic Properties in APE for direct effects;
- iv.  "Adverse effect" on one or more Historic Properties in APE for direct effects.

b. Visual Effects (check one):

- i.  No Historic Properties in Area of Potential Effects ("APE") for visual effects;
- ii.  "No effect" on Historic Properties in APE for visual effects;
- iii.  "No adverse effect" on Historic Properties in APE for visual effects;
- iv.  "Adverse effect" on one or more Historic Properties in APE for visual effects.

<sup>5</sup> Include top-mounted attachments such as lightning rods.

<sup>6</sup> Failure to provide the Submission Packet and complete the review process under Section 106 of the NHPA prior to beginning construction may violate Section 110(k) of the NHPA and the Commission's rules. See Section X of the Nationwide Agreement.

Applicant's Name: Sprint PCS  
Project Name: CT54XC768  
Project Number: 40938

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB  
3060-1039  
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.5 to 10 hours

Certification and Signature

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

Rita Walsh  
Signature

11/08/06  
Date

Rita Walsh  
Printed Name

Senior Preservation Planner  
Title

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).

Applicant's Name: Sprint PCS  
Project Name: CT54XC768  
Project Number: 40938

**Attachment 1. Resumes/Vitae** – resumes attached.

**Attachment 2. Additional Site Information** – refer to our letter.

**Attachment 3. Tribal and NHO Involvement** – VHB has posted the proposed project information on FCC's Tower Construction Notification System (TCNS) website on August 17, 2006 (TCNS #19243). The following Tribes will be consulted with:

- 1) Kathleen Knowles, THPO, Mashantucket Pequot Tribe, Mashantucket, CT;
- 2) Doug Harris, Deputy Tribal Historic Preservation Officer (THPO), Narragansett Indian Tribe, Wyoming, RI; and
- 3) Tamara Francis, NAGPRA Director, Delaware Nation, Anadarko, Oklahoma.

**Attachment 4. Local Government** – The proposed project information was sent to the First Selectman, Natalie Ketcham, on November 8, 2006. A copy of this submission package was mailed to the Redding Historical Society and the Town Historian, Mr. Charlie Couch. Any comments received from the local government regarding potential effects of the proposed project on historic properties will be forwarded to SHPO upon receipt.

**Attachment 5. Public Involvement** – The proposed project information will be published in the Redding Pilot on November 16, 2006. Any comments received from the public regarding potential effects of the proposed project on historic properties will be forwarded to SHPO upon receipt.

**Attachment 6. Additional Consulting Parties** – In addition to SHPO and Tribal consultation, agencies that have been consulted with by VHB under Section 106 Review include the United States Fish and Wildlife Service (USF&WS), and the State of Connecticut Department of Environmental Protection's (CTDEP), Natural Diversity Database (NDDB).

**Attachment 7. Areas of Potential Effects** – Refer to our letter.

**Attachment 8. Historic Properties Identified in the APE for Visual Effects** – Refer to our letter.

**Attachment 9. Historic Properties Identified in the APR for Direct Effects** - Refer to our letter.

**Attachment 10. Effects on Identified Properties** - Refer to our letter.

**Attachment 11. Photographs** – Existing conditions photographs and Photographic Simulations are attached to assist in your review.

**Attachment 12. Maps** - A USGS topographic Figure 1 Site location map and a copy of the Lease Exhibit Plan are attached.

**Attribution and Bibliographic Standards** – Ms. Rita Walsh, Senior Preservation Planner/Architectural Historian and Historian with VHB, and Ms. Catherine Labadia, exceeds the Secretary of the Interior's qualifications standards for archeologists as outline in 36 CFR Part 61, with Heritage Consultants, LLC's (Cultural Resource Screen and Phase IA Cultural Resources Assessment Survey).

# Resumes

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## Rita Walsh

Senior Preservation Planner

Rita brings over 20 years experience to VHB in cultural resources compliance and historic preservation services. She provides expertise in a broad range of services including Section 106 reviews, historic preservation tax credit applications, National Register nominations, interpretive planning, and historical research.

Rita is VHB's Senior Preservation Planner and meets the Secretary of the Interior's Professional Qualification Standards for an Architectural Historian and Historian (36 CFR 61). Rita's recent project experience includes the following:

### **Philadelphia International Airport Capacity Enhancement Program Environmental Impact Statement, Philadelphia, PA**

As part of an integrated services VHB team, responsible for management and quality control of cultural resource survey, National Register evaluation, assessment of effects, proposed mitigations measures, and coordination with Pennsylvania Bureau of Historic Preservation.

### **Roman Catholic Archdiocese of Boston Parish Complex Survey, MA**

Responsible for the architectural survey, archival documentation, and National Register evaluation of buildings and structures for 11 parishes proposed to be suppressed by the Archdiocese of Boston. The project was part of a larger effort sponsored by the Massachusetts Historical Commission.

### **MaineDOT Architectural Historian On-call Services**

Manager of a cultural resources team that performs documentation and National Register evaluation of properties affected by Maine DOT projects throughout Maine.

### **Massachusetts Army National Guard Section 106 and Archival Photographic Documentation, Eastern Massachusetts**

Prepared Section 106 documentation and archival photographic documentation as a mitigation measure for several armory facilities in Massachusetts, including Methuen, Framingham, Westfield, Brockton, Rehoboth, Hudson, Lynn, and Natick.

### **Historic Preservation Tax Credit Applications**

Responsible for preparation of historic preservation tax credit applications for over 50 successful building rehabilitation projects in Massachusetts, Ohio, Rhode Island, and Indiana. Services included preparation of certification applications, advice to developers, architects, and contractors on the proper application of the Secretary of the Interior's Standards for Rehabilitation, and liaison with reviewers at the state historic preservation offices and National Park Service.

### **Salem Trial Courts Complex Master Plan, Salem, MA**

Assisted architects and planners involved in master plan development for Salem's historic trial courts complex. Rita's involvement primarily focused on the reuse of the First Baptist Church of Salem within the new campus. She researched the history of the physical development of the church structure to document alterations and additions, provided technical advice on the appropriate orientation and configuration of the church building if it was moved, and recommended mitigation measures if the building was to be moved or substantially altered.

### **Boston African American National Historic Site General Management Plan, Boston, MA**

Project manager for the updated general management plan and Environmental Assessment for this site that includes 15 properties associated with the free African-American community of Beacon Hill.

**Oil Heritage Region Management Action Plan Update, Venango and Crawford Counties, PA**

Assisted with the analysis of the existing plan and development of proposed alternatives for the revised plan. Responsibilities include research, coordination with individuals, community groups, and project team members, and assistance with interpretive assessment. Currently working with the community on the development of a section regarding preservation activities, goals, and strategies for this newly designated National Heritage Area.

**Preservation Plan and Archaeological Surface Reconnaissance for Big Blue (Byram's Ford) Battlefield, Jackson County, MO**

Undertook scenic resources and existing conditions survey for this Civil War battlefield. Provided management and preservation recommendations. Prepared for Historic Preservation Management Division, City Planning and Development Department, Kansas City and The Monnett Battle of Westport Fund.

**50 Bow Street Feasibility Re-use Study, Somerville, MA**

Participated in the feasibility re-use study for an 1874 police station in the Union Square neighborhood. Conducted historical research on the original appearance of the building and investigated the implications of local historic district guidelines and a state preservation covenant on the property. Assisted with public meetings to address the proposed re-use and appearance of the building.

**Blackstone Canal Feasibility Study, Worcester, MA**

Provided historical research and narrative on the canal's development from its construction in 1825-1828 through its subsequent use as part of the city's sewer system and conversion of its right-of-way for use as the current Harding Street. Contributed to an assessment of the historic and functional character of properties in the study area.

**National Road/U.S. 40 Corridor Survey in Ohio**

Directed survey, National Register evaluations, and report preparation for over 700 architectural properties for the 225-mile corridor in ten counties in the state. The project was an ISTE A grant administered by the Ohio Historical Society.

**Education**

M.S., Historic Preservation, University of Vermont, 1982  
B.A., Historic Preservation, University of Michigan, 1979

**Affiliations**

Forum Member, National Trust for Historic Preservation  
Preservation Mass  
Historic New England (formerly Society for the Preservation of New England Antiquities)  
DOCOMOMO – Documenting and Conserving buildings, sites, and neighborhoods of the Modern Movement  
Vernacular Architecture Forum  
The Trustees of Reservations

**Publications and Presentations**

*An Honor and an Ornament: Public School Buildings in Michigan*

## Nicole Dentamaro

Environmental Scientist

Ms. Dentamaro provides support on all NEPA studies and GIS-related projects undertaken by VHB's Middletown Office. She also has conducted numerous Phase I Environmental Site Assessments while working for VHB. A summary of representative projects is provided below.

### GIS Analysis

Ms. Dentamaro is involved in all aspects of GIS-related data preparation and analysis on Connecticut, Massachusetts, and New York-based projects. GIS needs for VHB's Middletown Office include data compilation and analysis, and the preparation of graphics and computer mapping analysis in support of the firm's many public and private sector clients with a particular emphasis on VHB's long-term telecommunications clients who have come to rely on the company to provide various GIS-related services.

### NEPA Compliance in Support of Wireless Telecommunications Facilities

Ms. Dentamaro is responsible for coordination and preparation of NEPA compliance documentation in support of wireless telecommunications projects. The process starts with a desktop review of environmental resource information outlined in 47 CFR Ch.1 § 1.1307 sections (a) and (b) for environmental consequences pursuant to the Federal Communications Commission ("FCC") requirements and NEPA. The desktop review includes the creation of an initial resource screening map, utilizing GIS data, to determine whether resources listed under NEPA are present on or near the Site to identify if the proposed facility would be located in an environmentally sensitive area. Based upon the results of the desktop review, coordination with select federal and state agencies is typically required. Ms. Dentamaro conducts a site reconnaissance, interprets site design plans, and prepares submissions to the agencies for review and comment. Once any potential conflicts are resolved, she prepares all necessary documentation to fulfill NEPA requirements. For new facilities, the following resources are investigated: **Officially designated wilderness areas; Officially designated wildlife preserves; Threatened or Endangered Species or designated critical habitats; National Register of Historic Places; Indian Religious Sites; Flood Plains; and Wetlands.** Ms. Dentamaro has completed over 150 NEPA studies for various wireless telecommunications clients in Connecticut, New York, Vermont and Massachusetts. She works closely with staff and subcontractors to resolve any potential resource conflicts, often employing other specialists to conduct architectural or archaeological studies, wetland investigations, and biological assessments. Ms. Dentamaro has experience incorporating the Nationwide Programmatic Agreement for Collocation of Wireless Antennas executed by the Federal Communications Commission (FCC), the National Conference of State Historic Preservation Offices (SHPO), and the Advisory Council on Historic Preservation.

### Environmental Site Assessments

Ms. Dentamaro conducts Environmental Site Assessments (ESAs) in Connecticut and New York for various clients. Duties associated with Phase I ESAs include: detailed historical research; site inspection for oil/hazardous waste related concerns; municipal reviews; environmental regulatory reviews; and developing environmental recommendations. Phase II Investigation duties include: soil/groundwater sampling; groundwater monitoring well installation; contractor coordination/oversight; observation and interpretation of geologic/hydrogeologic conditions; and evaluation of laboratory analytical data.

### Education

Central Connecticut State University, New Britain, CT  
B.A., Major: Environmental Geography, Minor: Biology, 5/2003

- GPA: 3.4, Dean's List
- Interned with the Connecticut National Guard Armory; experience with GPS and GIS
- Completed an internship at the West Hartford Town Hall; further experience with GIS and regulatory applications.

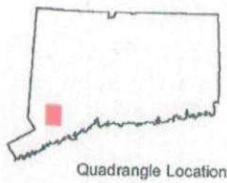
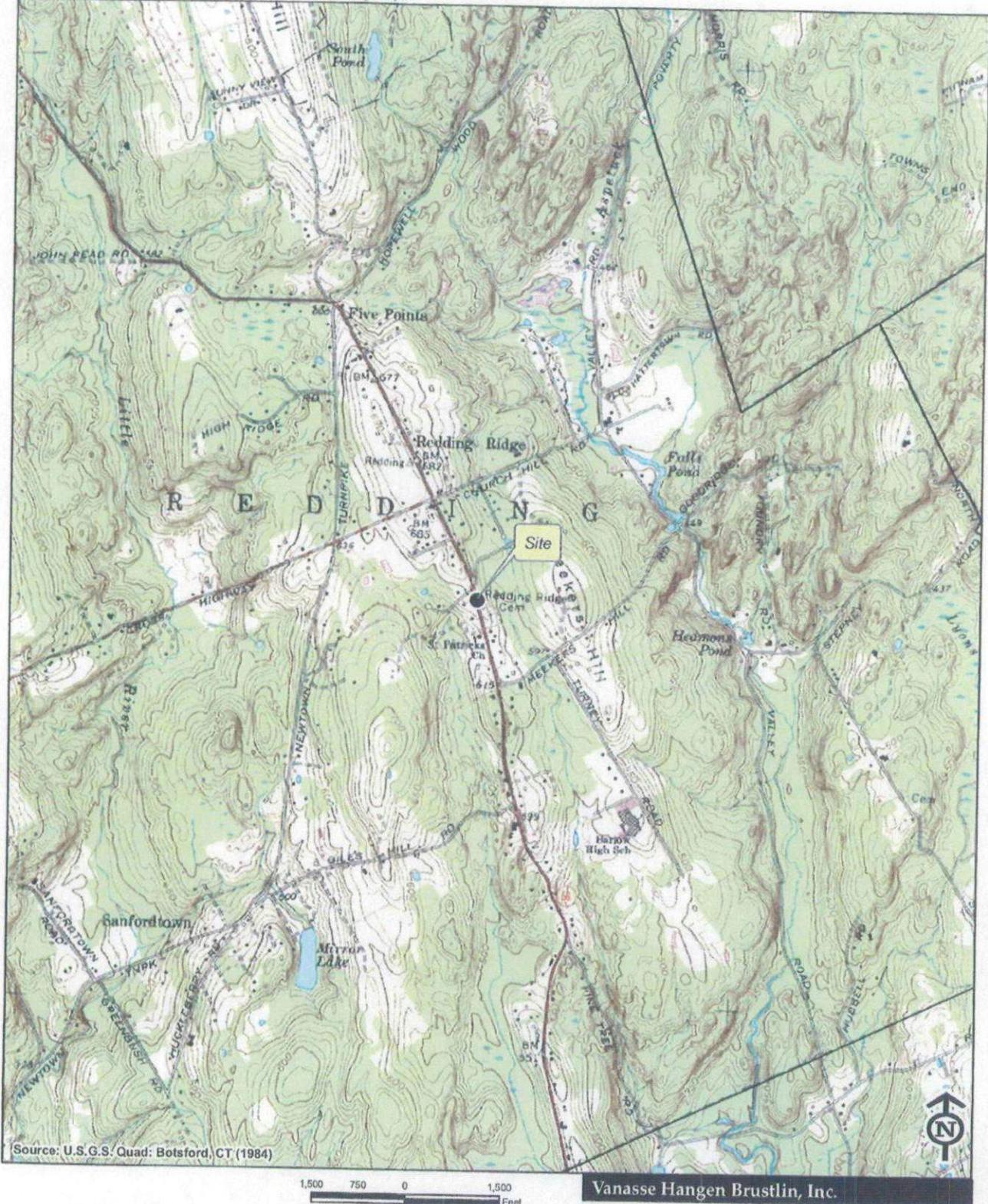
### Certifications

OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER) Training (29 CFR 1910, 120).

Ms. Dentamaro is an Environmental Scientist with Vanasse Hangen Brustlin, Inc. (VHB) who specializes in Geographic Information Systems (GIS) analysis, National Environmental Policy Act (NEPA) compliance documentation, and Environmental Site Assessments for property transfers.

# Figure 1

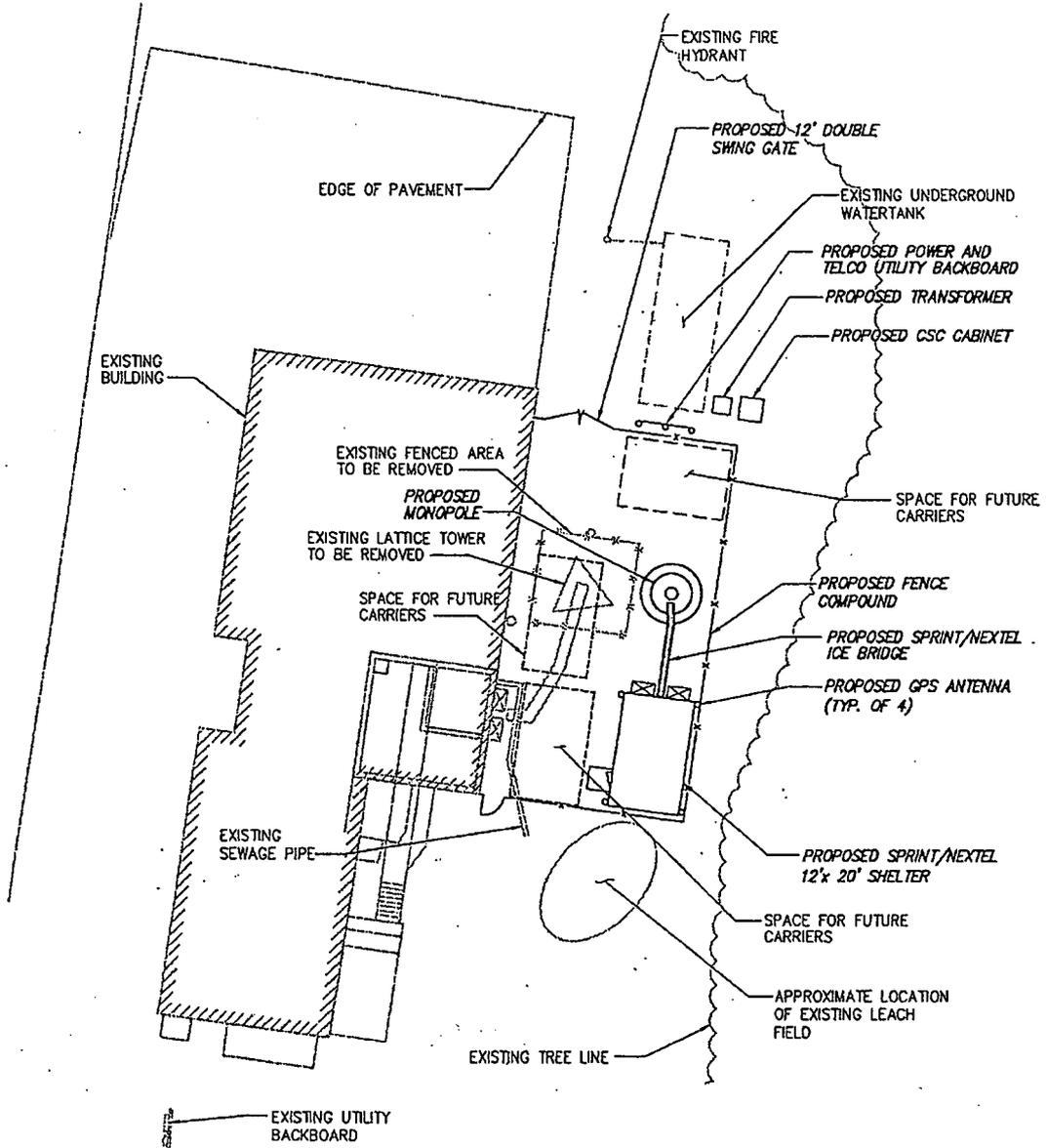
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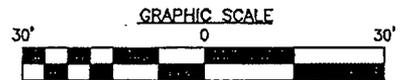
**Figure 1**  
**Site Location Map**  
**Proposed Replacement Facility**  
**Sprint PCS Site CT54XC768**  
**Lat: 41 18 35 Long: 73 20 53**  
**186 Black Rock Turnpil**  
**Redding, Connecticut**



# Lease Exhibit Plan



ENLARGED SITE PLAN



NOTE: OWNER AND SPRINT PCS MAY, AT SPRINT PCS'S OPTION, REPLACE THIS EXHIBIT WITH AN EXHIBIT SETTING FORTH THE LEGAL DESCRIPTION OF THE PROPERTY ON WHICH THE SITE IS LOCATED AND/OR AN AS-BUILT DRAWING DEPICTING THE SITE.

OWNER INITIALS:	DATE:
SPRINT PCS INITIALS:	DATE:

<p><b>Sprint PCS</b> 1 INTERNATIONAL BLVD SUITE 800 MAHWAH, NJ 07495</p>	<p><b>infinigy</b> engineering 300 Great Oaks Boulevard Suite 312, Albany, NY 12203 OFFICE: (518) 690-0780 FAX: (518) 690-0783</p>	APPROX. SCALE AS NOTED	LEASE EXHIBIT PLAN
		DATE: 6/16/2008	SITE I.D. CT54XC768
		SITE ADDRESS: 186 BLACK ROCK TURNPIKE REDDING, CT 06896	

PROPOSED SPRINT/NEXTEL PANEL ANTENNAS (TYP. OF 12 ANT.)

FUTURE CARRIER PANEL ANTENNAS

PROPOSED NEW MONOPOLE

EXISTING NEXTEL ANTENNAS TO BE REMOVED

EXISTING LATTICE TOWER TO BE REMOVED

EXISTING WOOD POLE WITH SIREN

CENTERLINE OF EXISTING NEXTEL ANTENNAS = 75' AGL

CENTERLINE OF FUTURE CARRIER ANTENNAS = 90' AGL

CENTERLINE OF FUTURE CARRIER ANTENNAS = 100' AGL

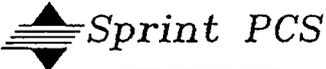
CENTERLINE OF FUTURE CARRIER ANTENNAS = 110' AGL

CENTERLINE OF PROPOSED SPRINT/NEXTEL ANTENNAS = 120' AGL

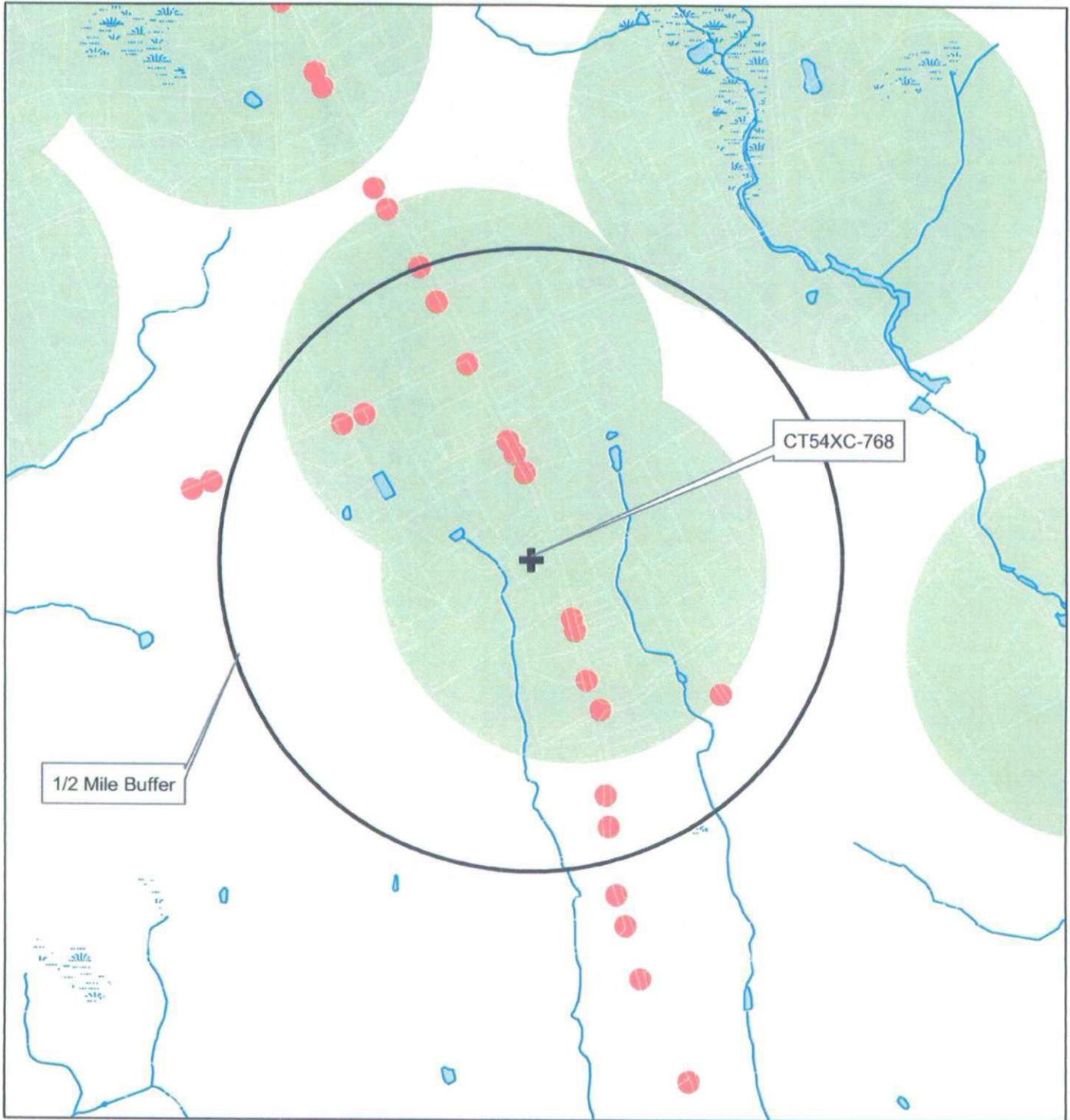
**ELEVATION**  
NOT TO SCALE

NOTE: OWNER AND SPRINT PCS MAY, AT SPRINT PCS'S OPTION, REPLACE THIS EXHIBIT WITH AN EXHIBIT SETTING FORTH THE LEGAL DESCRIPTION OF THE PROPERTY ON WHICH THE SITE IS LOCATED AND/OR AN AS-BUILT DRAWING DEPICTING THE SITE.

OWNER INITIALS:	DATE:
SPRINT PCS INITIALS:	DATE:

 <p>1 INTERNATIONAL BLVD SUITE 800 MARWAH, NJ 07495</p>	 <p>300 Great Oaks Boulevard Suite 312, Albany, NY 12203 OFFICE: (518) 690-0790 FAX: (518) 690-0793</p>	APPROX. SCALE AS NOTED	LEASE EXHIBIT PLAN
		DATE: 6/16/2006	SITE I.D. CT54XC768
		SITE ADDRESS: 186 BLACK ROCK TURNPIKE REDDING, CT 06896	

# Cultural Resource Screen



**Legend**

-  Project Area
-  National Register (points)
-  National Register (polygon)
-  Reported Archaeological Sites Buffered
-  1/2 Mile Buffer
-  Historic & Architectural Inventory (1988)

**Vanasse Hangen Brustlin, Inc.**

Cultural Resources Screen  
 CT54XC-768  
 186 BLACKROCK TURNPIKE  
 REDDING , CONNECTICUT  
 AUGUST 13,2006 USGS QUAD: BOTSFOR



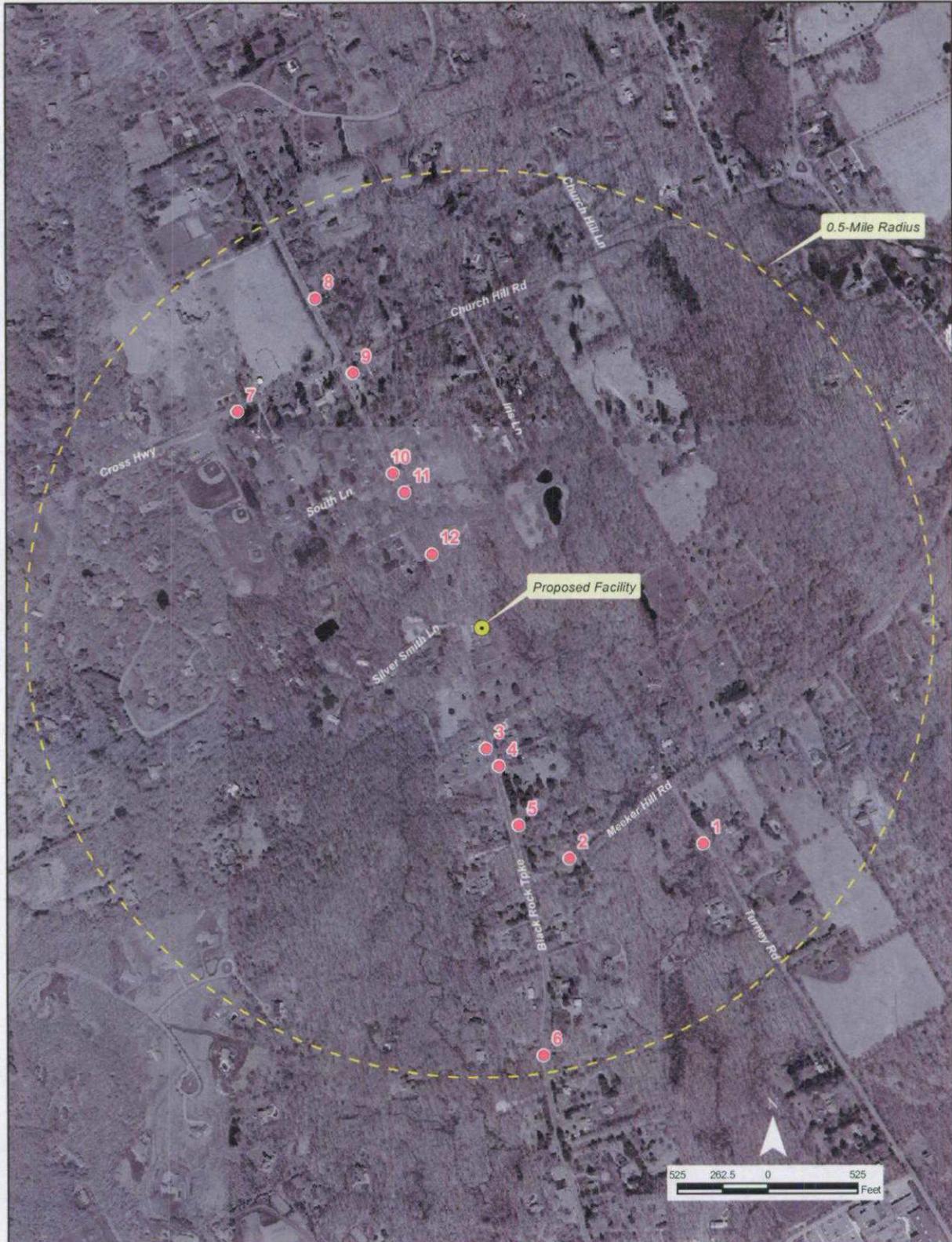
# Historic Inventory List/ Forms

Redding, CT NRE list (1988) within 0.5-mile of CT54XC768

INVENTORY	STREET ADDRESS	CONSTRUCTION DATE
41	176 Cross Highway	1878
42	Christ Episcopal Church, 180 Cross Highway	1840
8	133 Black Rock Turnpike	1851
9; 10	140 Black Rock Turnpike	1851; 1775
11	161 Black Rock Turnpike	1880
12	169 Black Rock Turnpike	1878
13	170 Black Rock Turnpike	1880
14	205 Black Rock Turnpike	1852
15	211 Black Rock Turnpike	1800
16	214 Black Rock Turnpike	1770
17	228 Black Rock Turnpike	1840
18	238 Black Rock Turnpike	1750
76	3 Meeker Hill Road	
124	9 Turney Road	

# Photolog Documentation

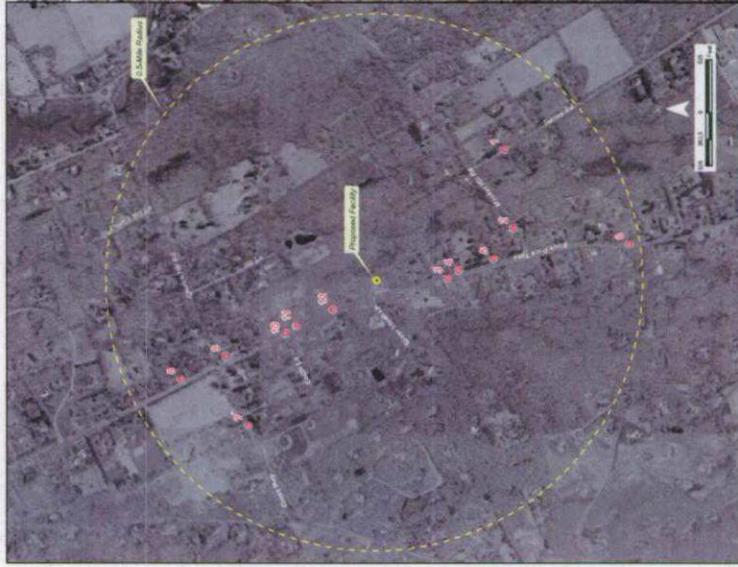
Town of  
**Redding**  
Connecticut



ctmidsd\proj\408368\Sites\CT54XC768\_Redding\graphics\visuals\CS4XC768\_ortho\_photolog.mxd

# Photographic Documentation and Simulation View 1

Town of  
**Redding**  
Connecticut



186 Black Rock Turnpike  
Redding, CT  
CT54XC768

Monopole installation

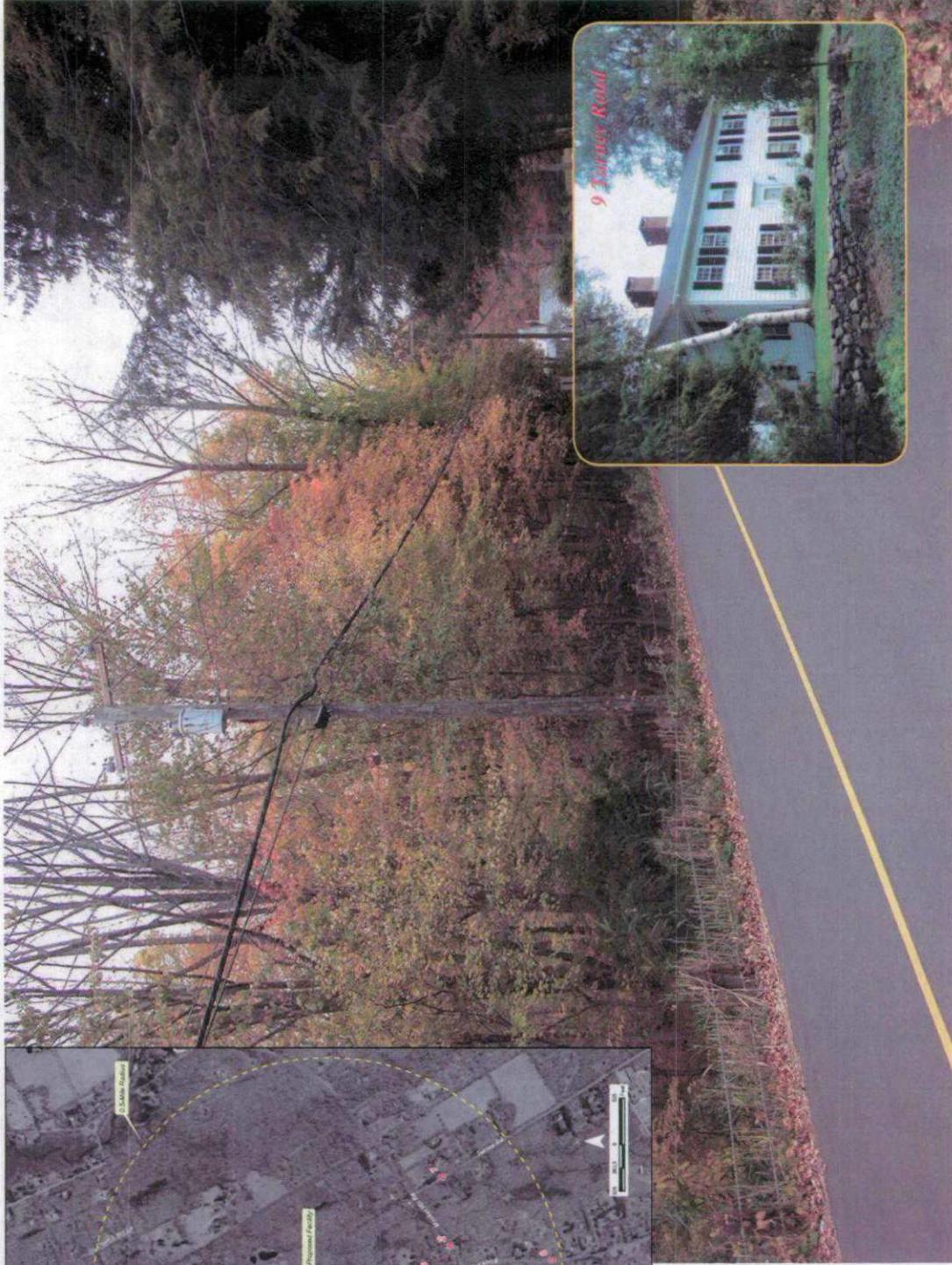
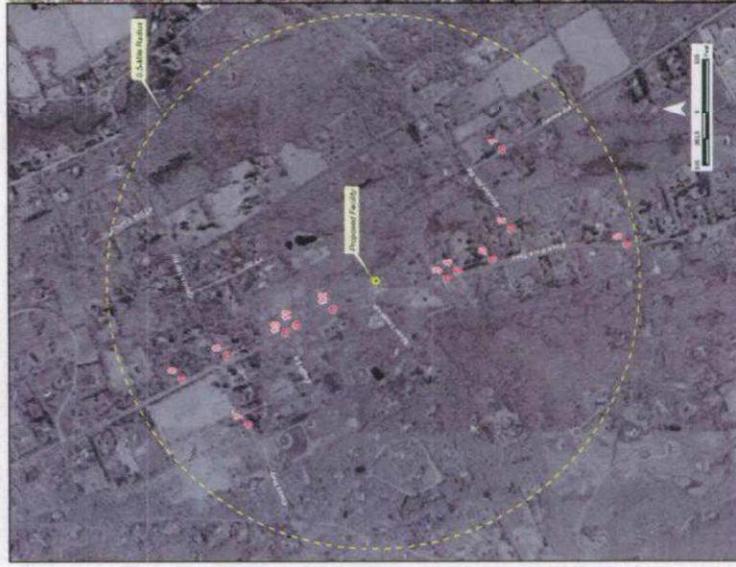


PHOTO TAKEN FROM 9 TURNEY ROAD, LOOKING NORTHWEST - BALLOON IS NOT VISIBLE  
DISTANCE FROM THE PHOTOGRAPH LOCATION TO THE PROPOSED SITE IS 0.34 MILE +/-

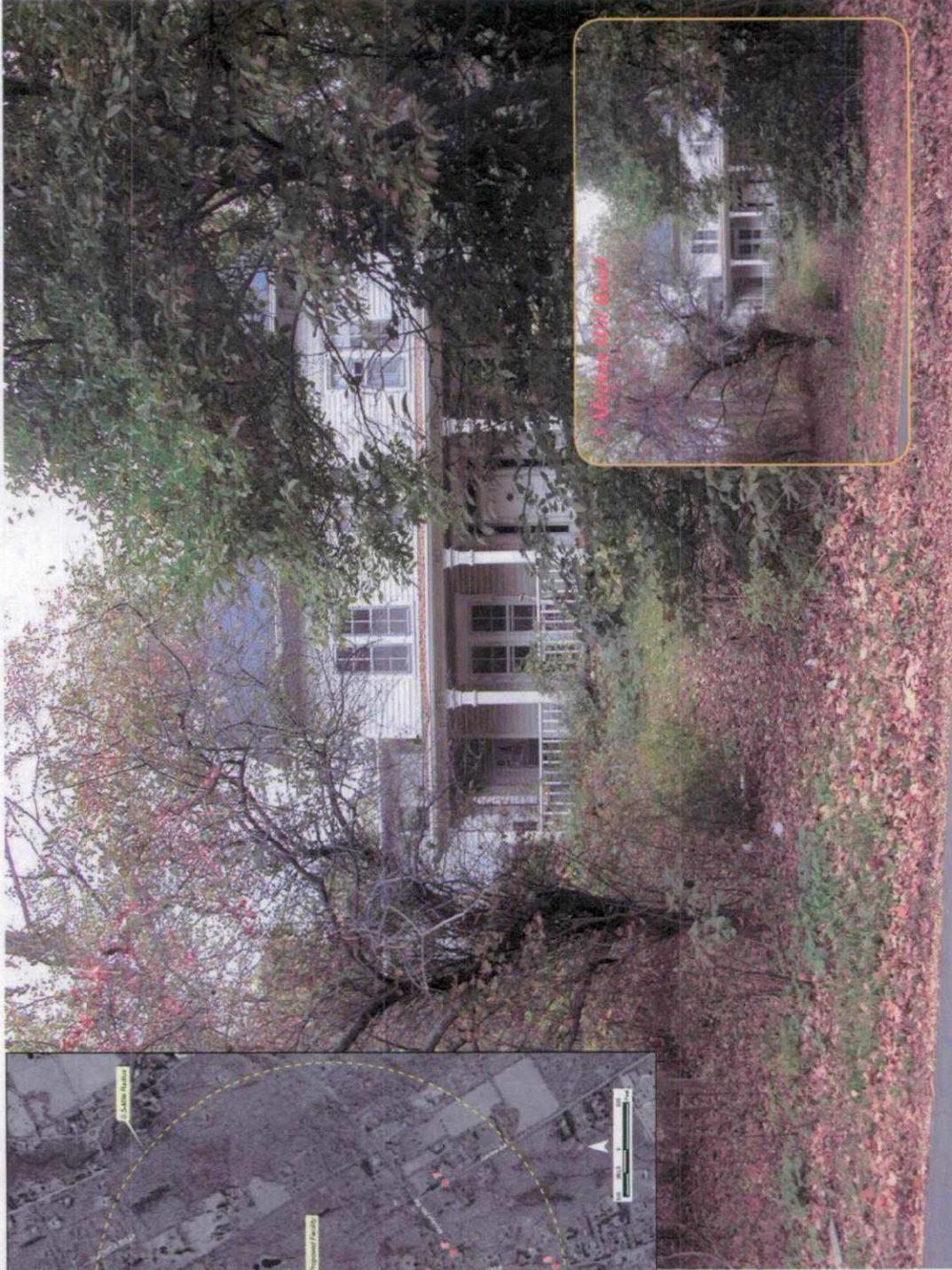


# Photographic Documentation and Simulation View 2



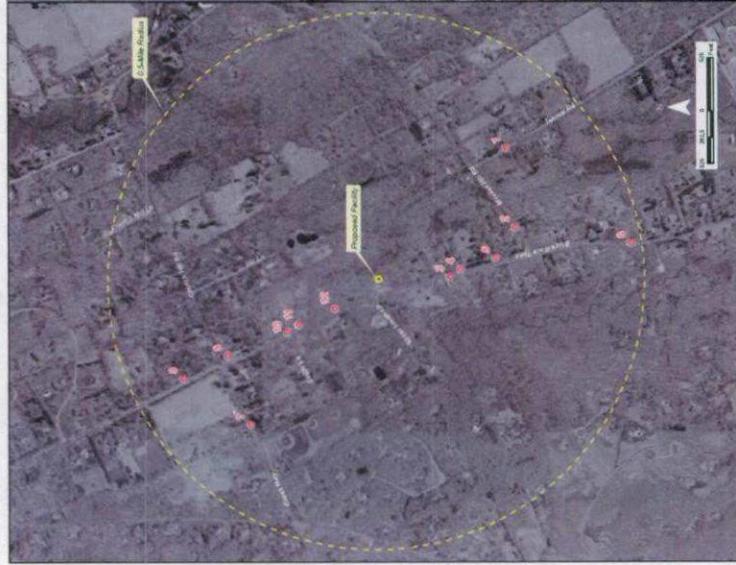
186 Black Rock Turnpike  
Redding, CT  
CT54XC768

Monopole installation



**PHOTO TAKEN FROM 3 MEEKER HILL ROAD, LOOKING NORTH - BALLOON IS NOT VISIBLE**  
DISTANCE FROM THE PHOTOGRAPH LOCATION TO THE PROPOSED SITE IS 0.27 MILE +/-

# Photographic Documentation and Simulation View 3



186 Black Rock Turnpike  
Redding, CT  
CT54XC768

Monopole installation

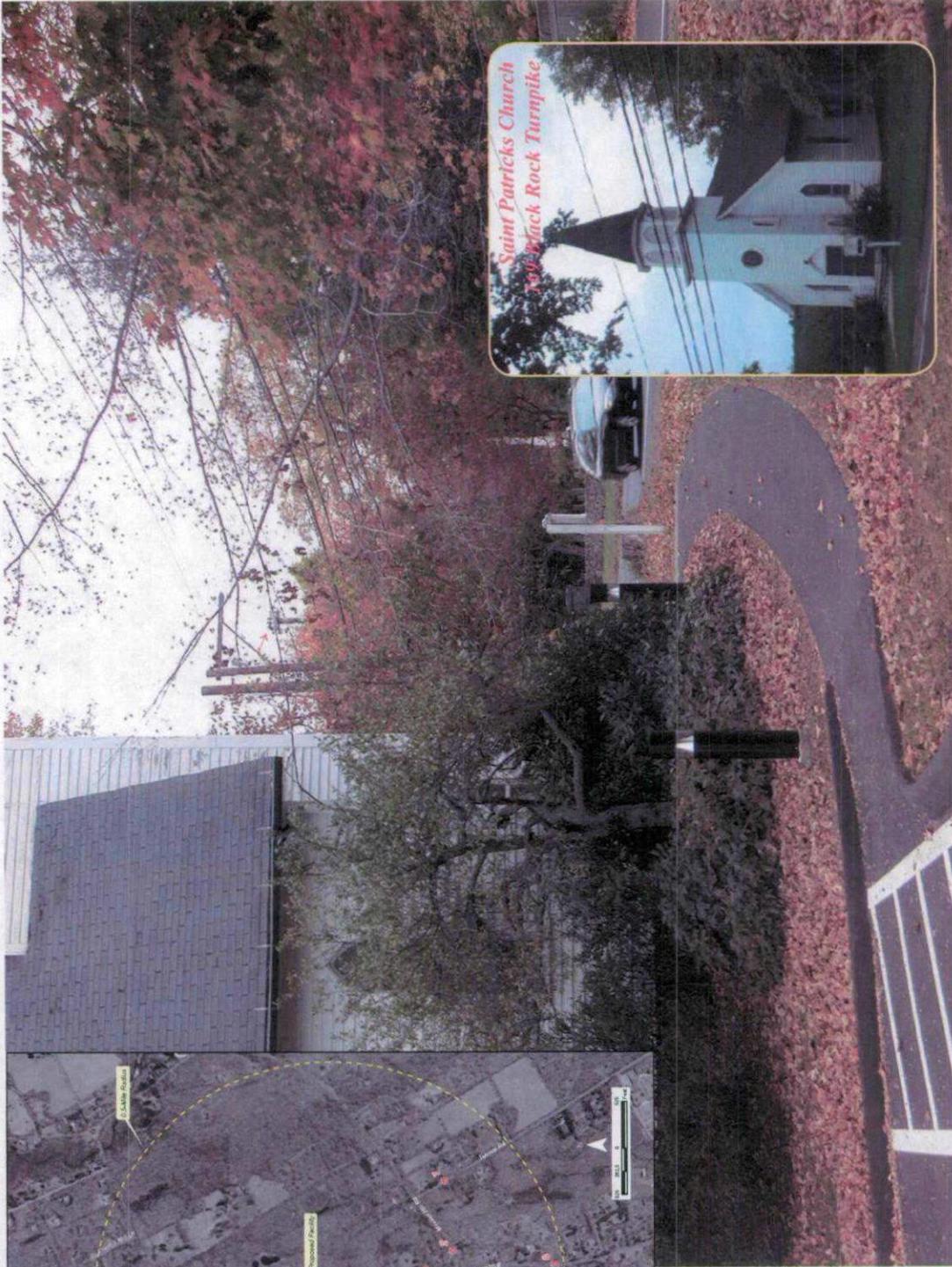
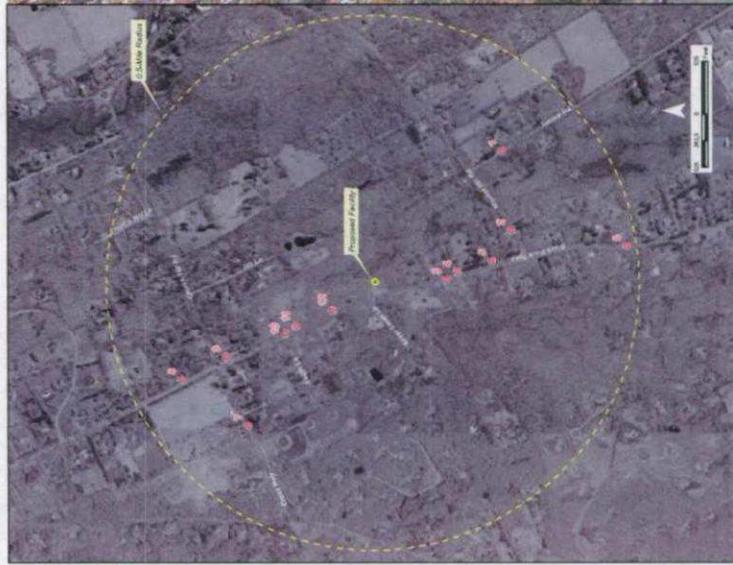


PHOTO TAKEN FROM 169 BLACK ROCK TURNPIKE AT SAINT PATRICKS CHURCH, LOOKING NORTHEAST - BALLOON IS VISIBLE

DISTANCE FROM THE PHOTOGRAPH LOCATION TO THE PROPOSED SITE IS 0.13 MILE +/-

# Photographic Documentation and Simulation View 4



186 Black Rock Turnpike  
Redding, CT  
CT54XC768

Monopole installation

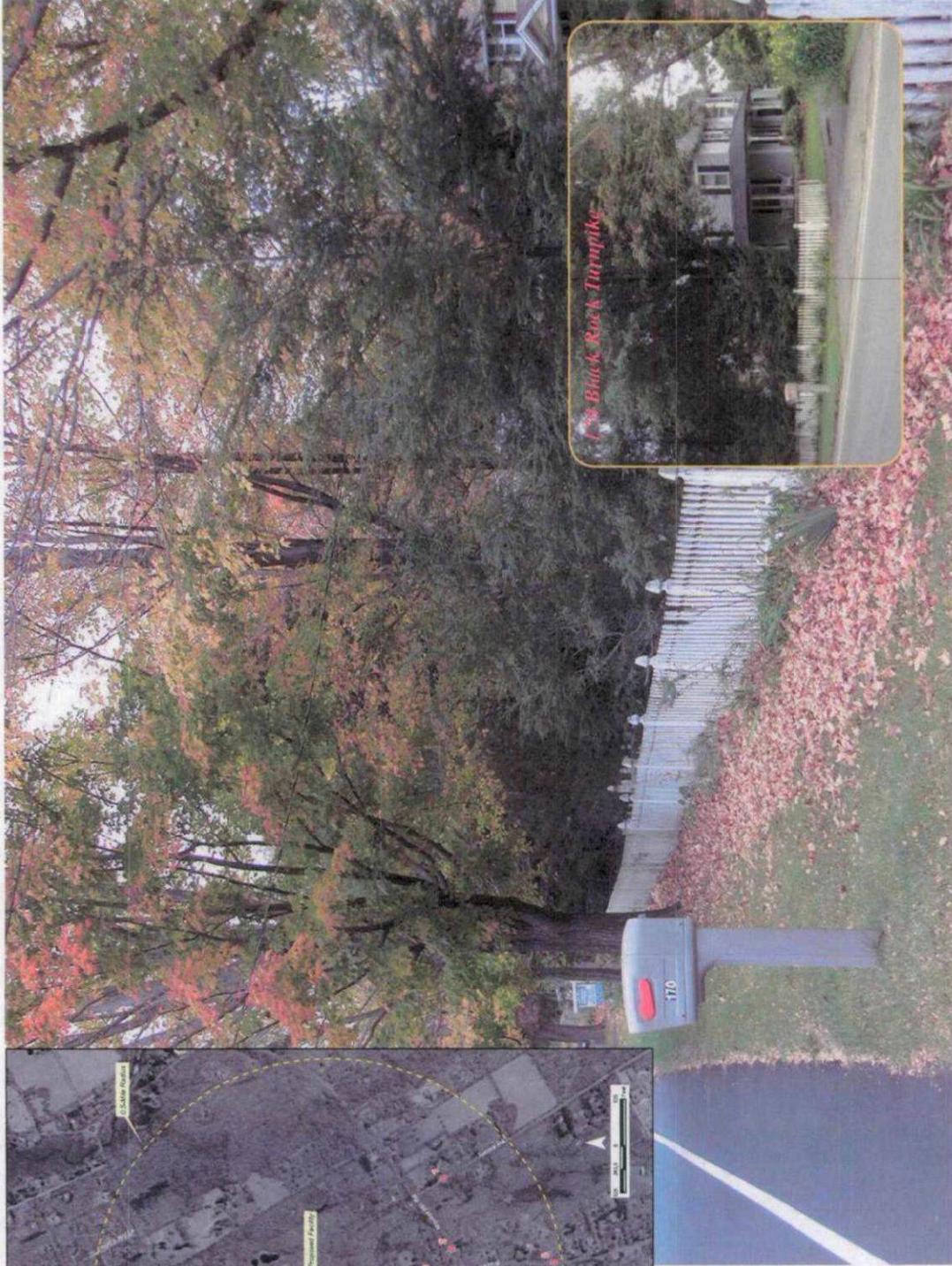
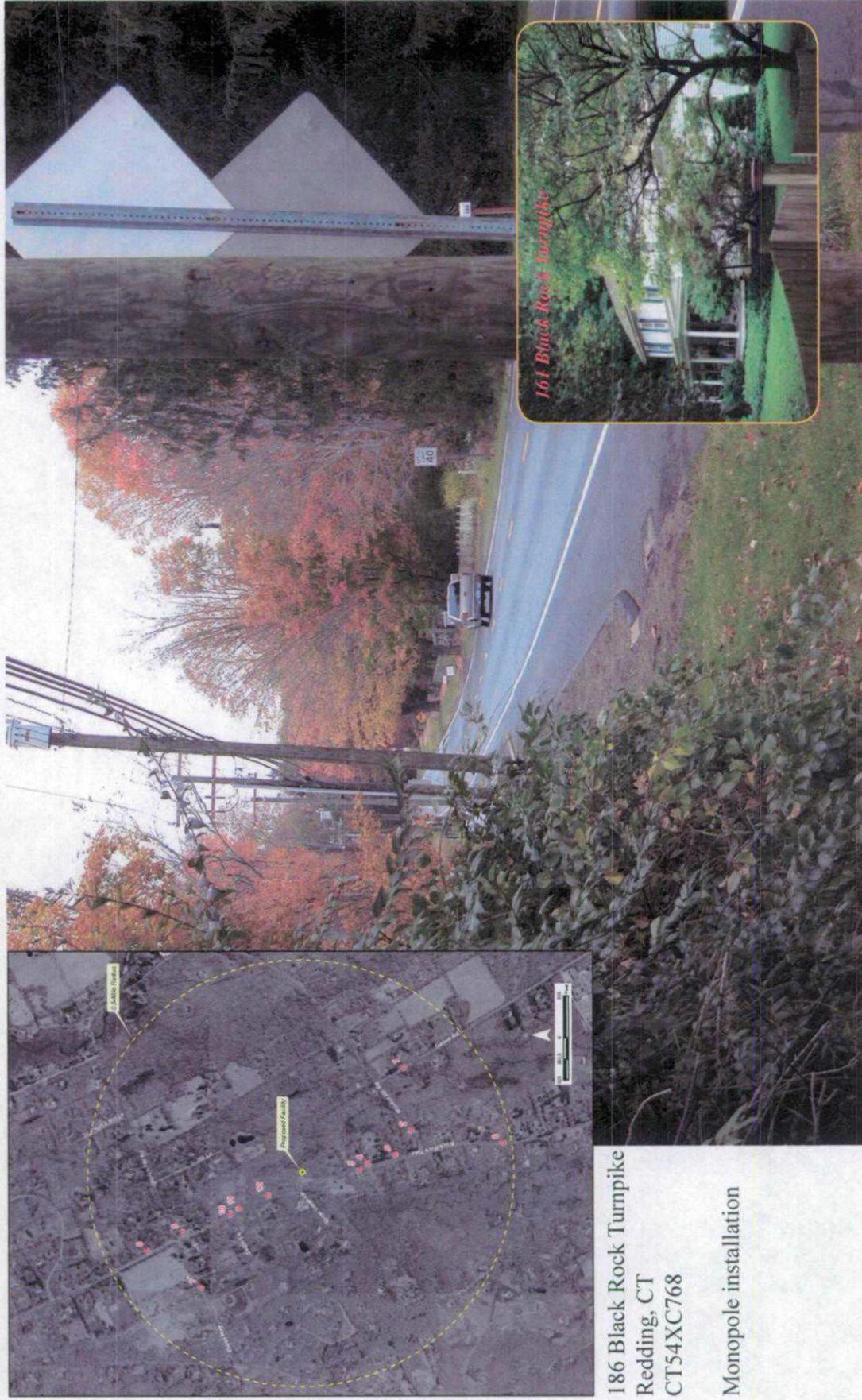


PHOTO TAKEN FROM 170 BLACK ROCK TURNPIKE (ROUTE 58), LOOKING NORTH - BALLOON IS NOT VISIBLE  
DISTANCE FROM THE PHOTOGRAPH LOCATION TO THE PROPOSED SITE IS 0.15 MILE +/-

# Photographic Documentation and Simulation View 5

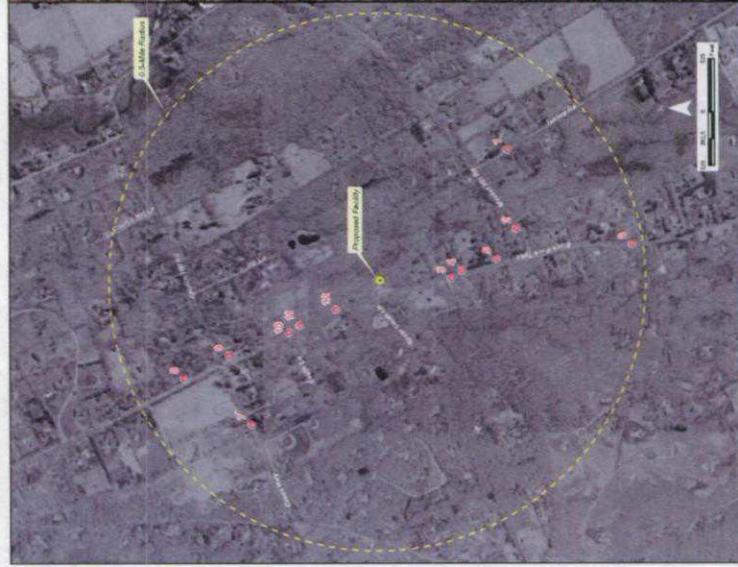


186 Black Rock Turnpike  
Redding, CT  
CT54XC768

Monopole installation

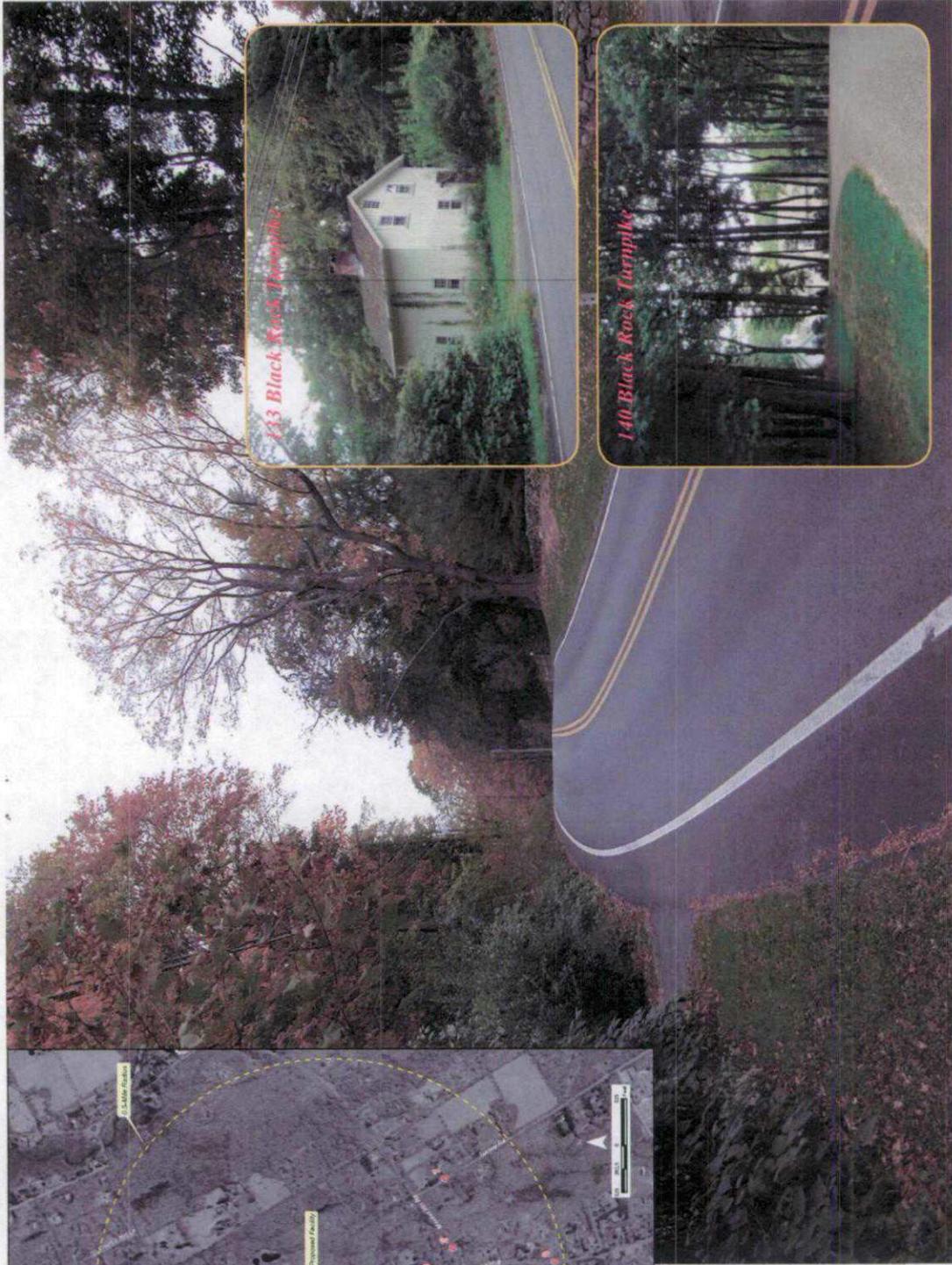
**PHOTO TAKEN FROM 161 BLACK ROCK TURNPIKE (ROUTE 58), LOOKING NORTH - BALLOON IS VISIBLE**  
DISTANCE FROM THE PHOTOGRAPH LOCATION TO THE PROPOSED SITE IS 0.22 MILE +/-

# Photographic Documentation and Simulation View 6



186 Black Rock Turnpike  
Redding, CT  
CT54XC768

Monopole installation



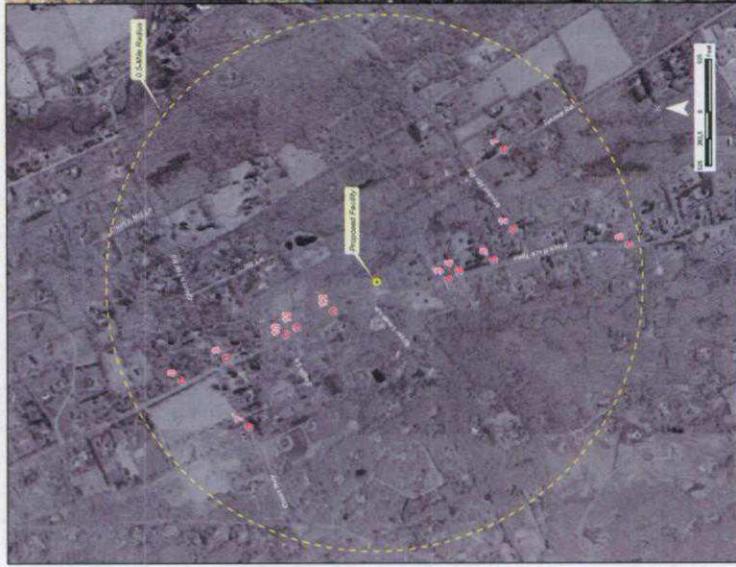
133 Black Rock Turnpike

140 Black Rock Turnpike

PHOTO TAKEN FROM 133 AND 140 BLACK ROCK TURNPIKE (ROUTE 58), LOOKING NORTH - BALLOON IS NOT VISIBLE  
DISTANCE FROM THE PHOTOGRAPH LOCATION TO THE PROPOSED SITE IS 0.47 MILE +/-

# Photographic Documentation and Simulation View 7

Town of  
**Redding**  
Connecticut



186 Black Rock Turnpike  
Redding, CT  
CT54XC768

Monopole installation

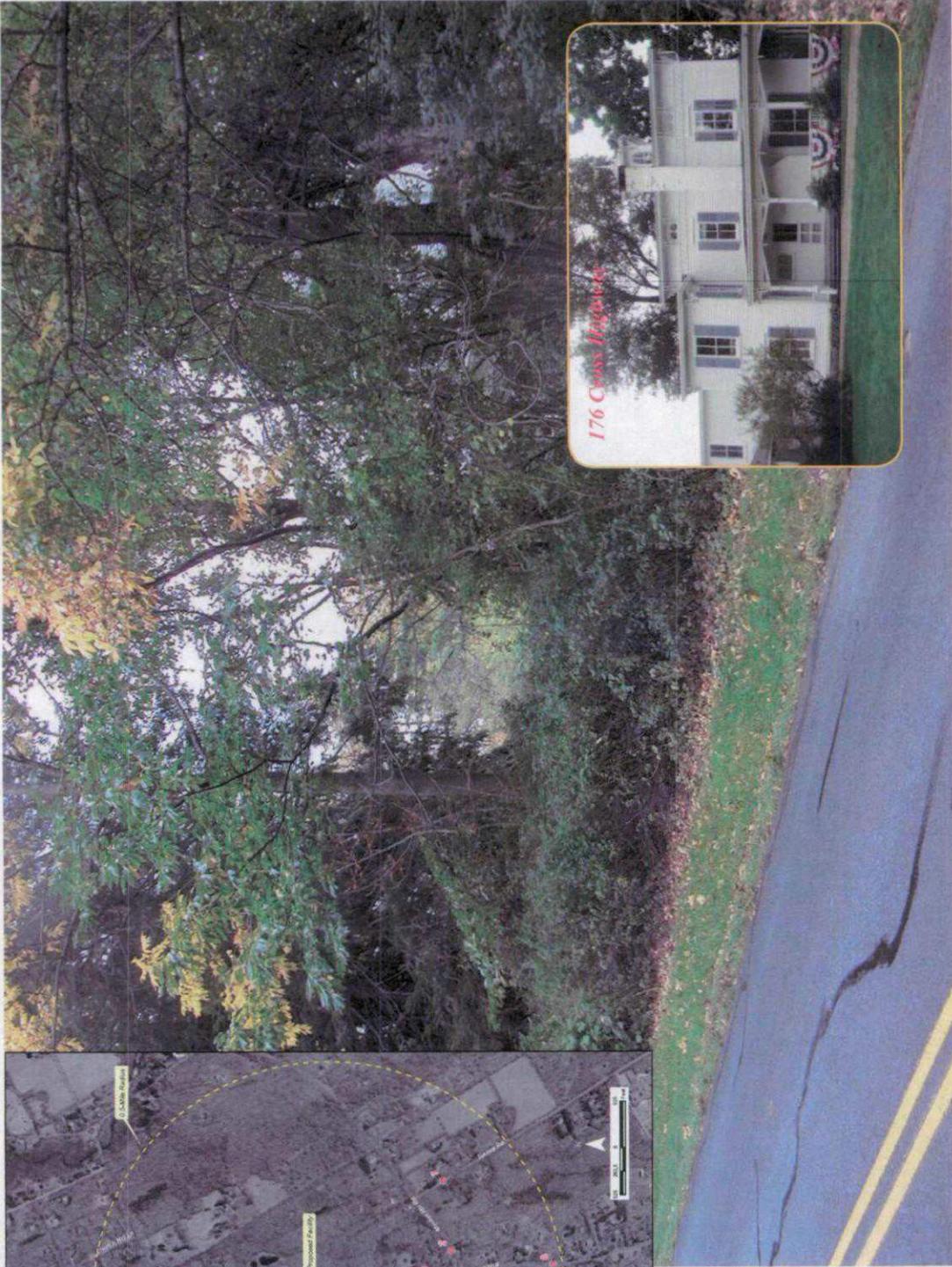


PHOTO TAKEN FROM 176 CROSS HIGHWAY, LOOKING SOUTHEAST - BALLOON IS NOT VISIBLE  
DISTANCE FROM THE PHOTOGRAPH LOCATION TO THE PROPOSED SITE IS 0.36 MILE +/-



# Photographic Documentation and Simulation View 8



186 Black Rock Turnpike  
Redding, CT  
CT54XC768

Monopole installation

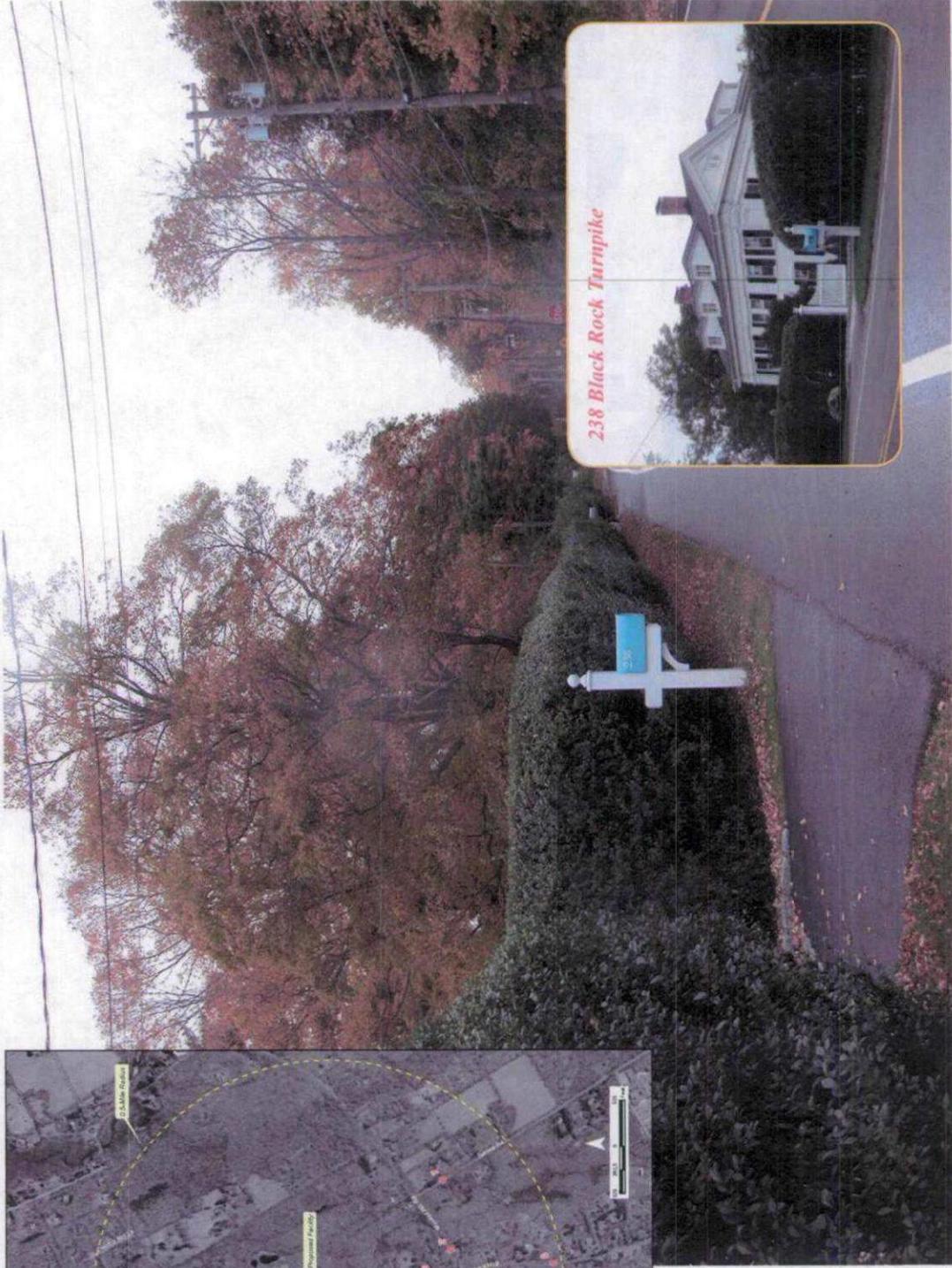
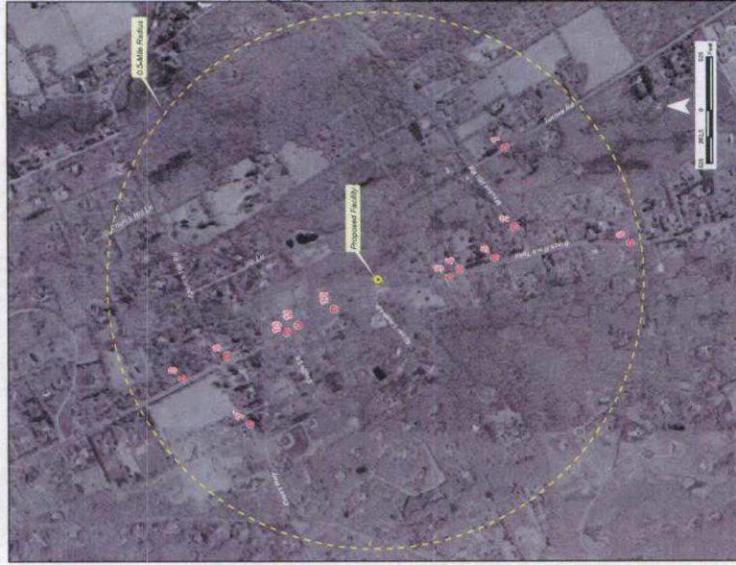


PHOTO TAKEN FROM 238 BLACK ROCK TURNPIKE (ROUTE 58), LOOKING SOUTH - BALLOON IS NOT VISIBLE  
DISTANCE FROM THE PHOTOGRAPH LOCATION TO THE PROPOSED SITE IS 0.40 MILE +/-

# Photographic Documentation and Simulation View 9

Town of  
**Redding**  
Connecticut



186 Black Rock Turnpike  
Redding, CT  
CT54XC768

Monopole installation

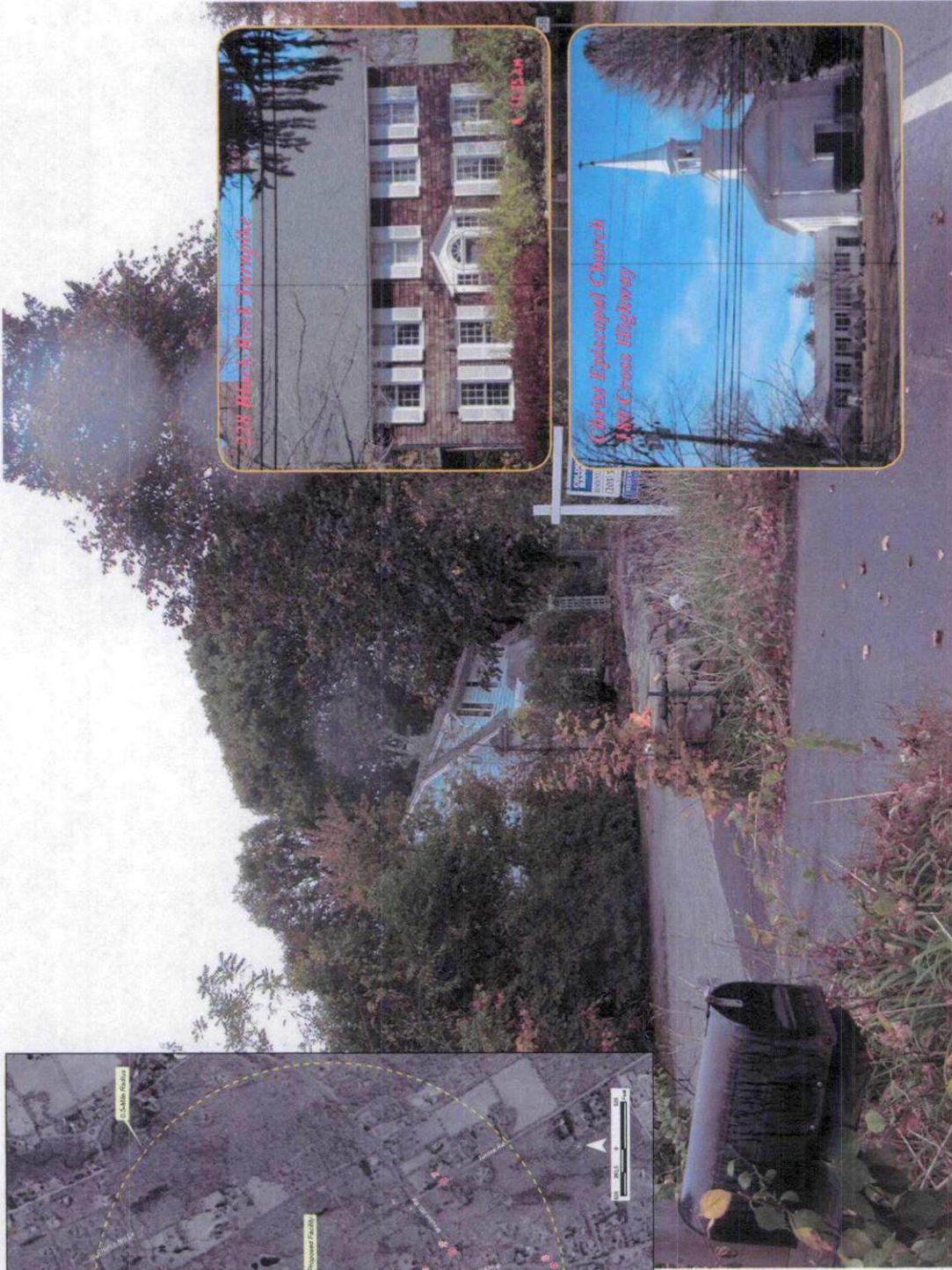
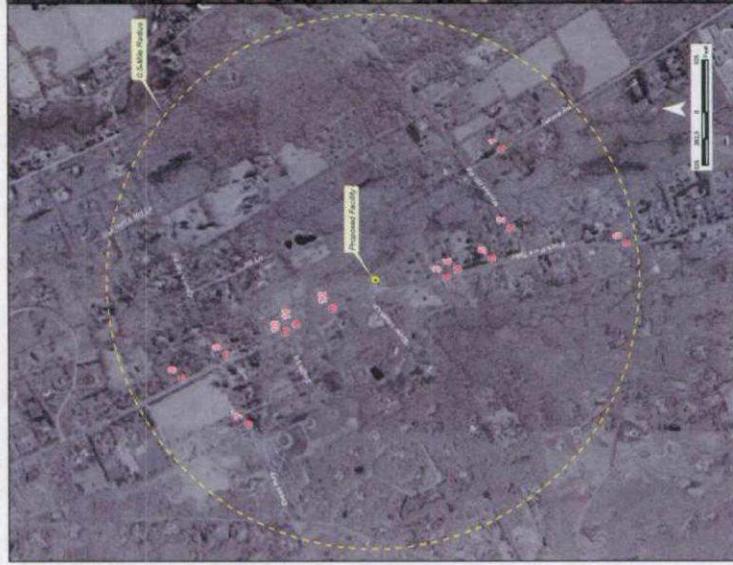


PHOTO TAKEN FROM 228 BLACK ROCK TURNPIKE (ROUTE 58) AND THE CHRIST EPISCOPAL CHURCH, 180 CROSS HIGHWAY, LOOKING SOUTH - BALLOON IS NOT VISIBLE  
DISTANCE FROM THE PHOTOGRAPH LOCATION TO THE PROPOSED SITE IS 0.32 MILE +/-



Photographic Documentation and Simulation View 10



186 Black Rock Turnpike  
Redding, CT  
CT54XC768

Monopole installation

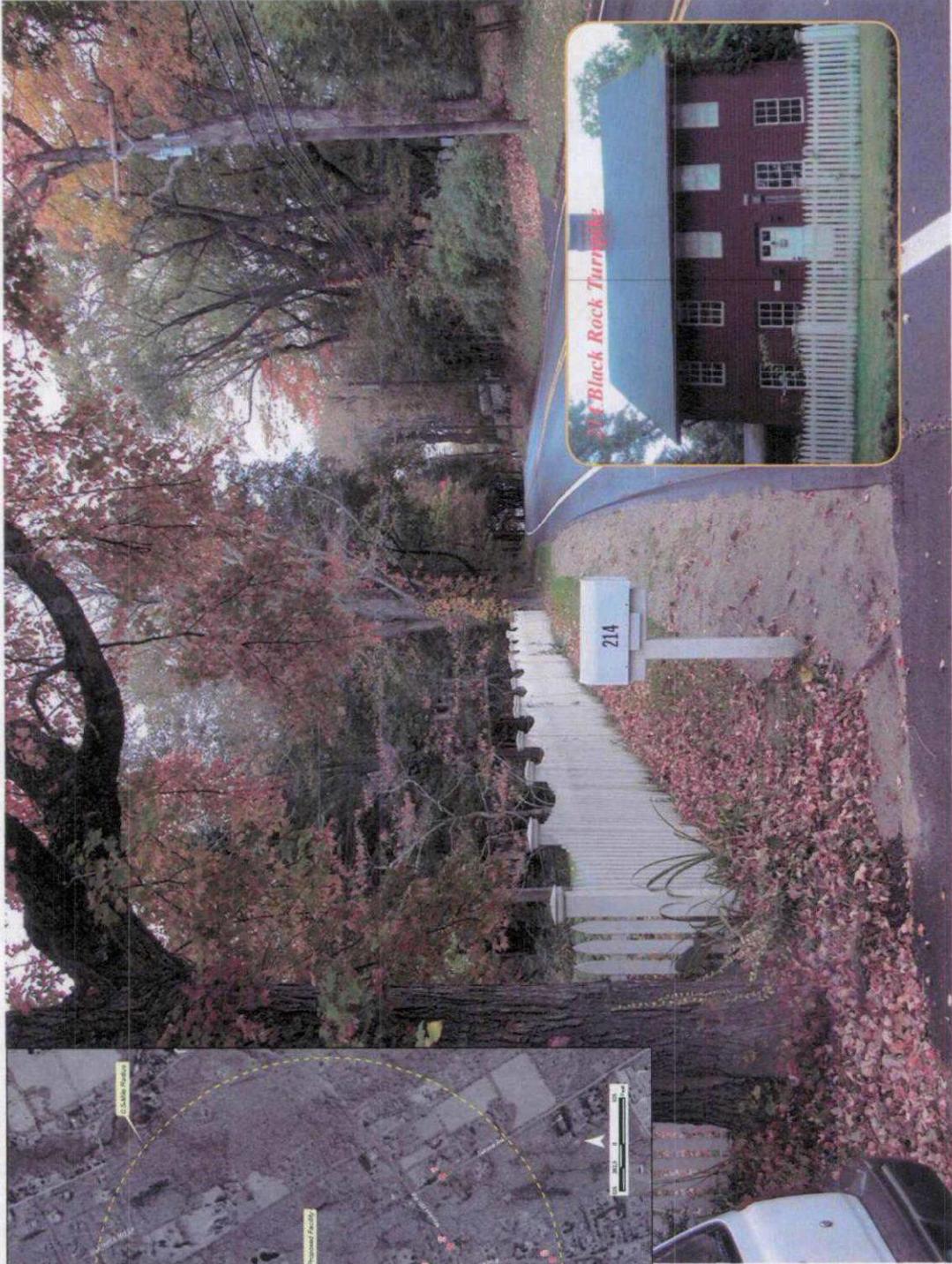
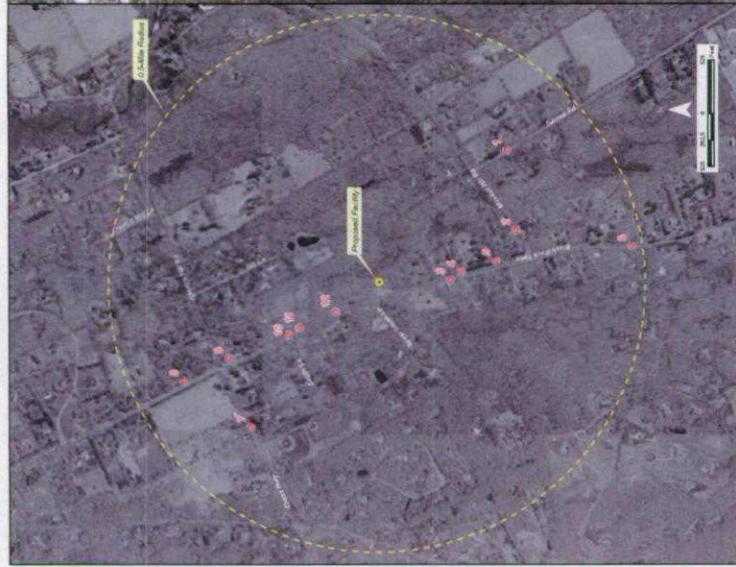


PHOTO TAKEN FROM 214BLACK ROCK TURNPIKE (ROUTE 58), LOOKING SOUTH - BALLOON IS NOT VISIBLE  
DISTANCE FROM THE PHOTOGRAPH LOCATION TO THE PROPOSED SITE IS 0.20 MILE +/-

# Photographic Documentation and Simulation View 11



186 Black Rock Turnpike  
Redding, CT  
CT54XC768

Monopole installation

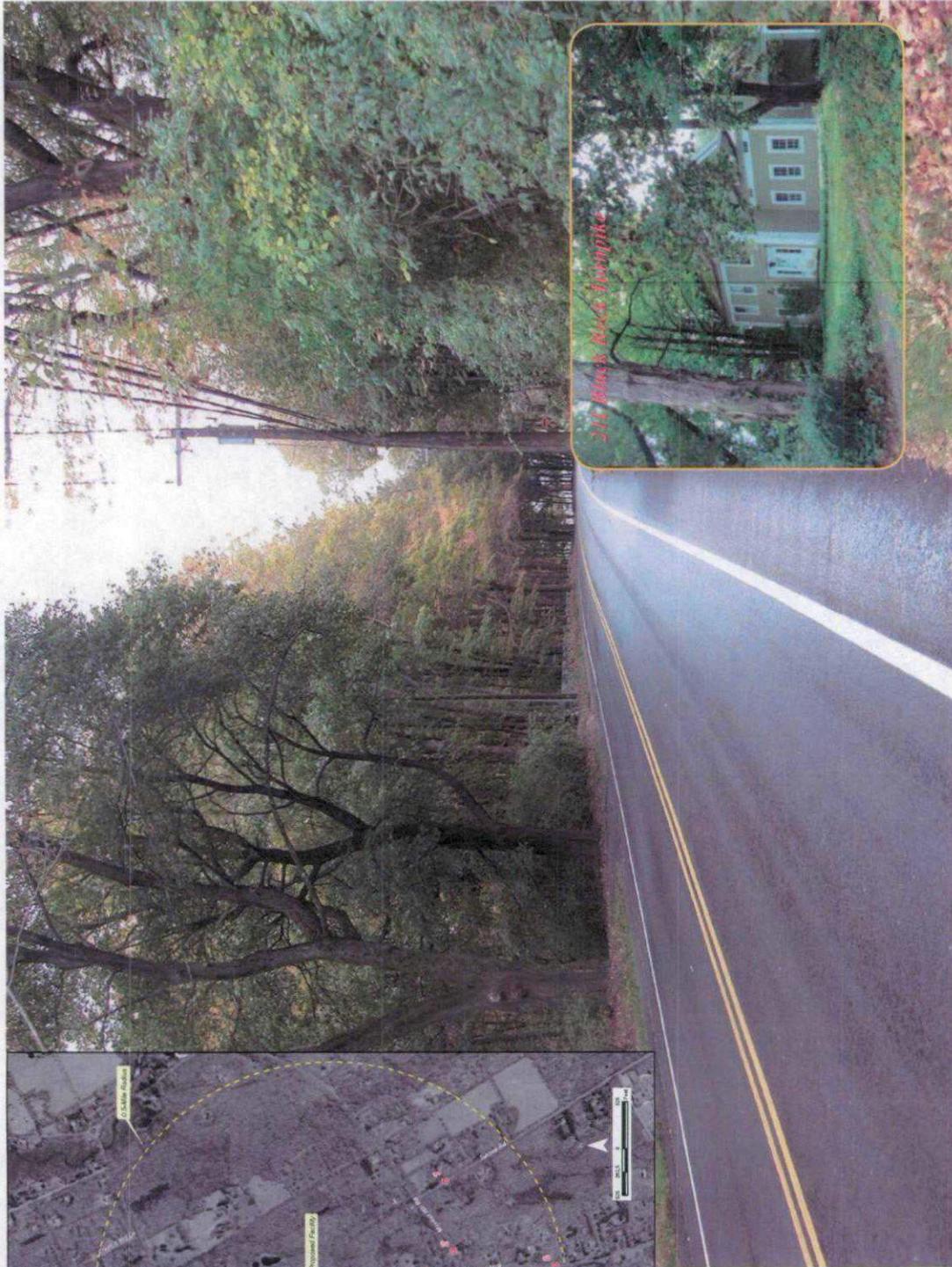
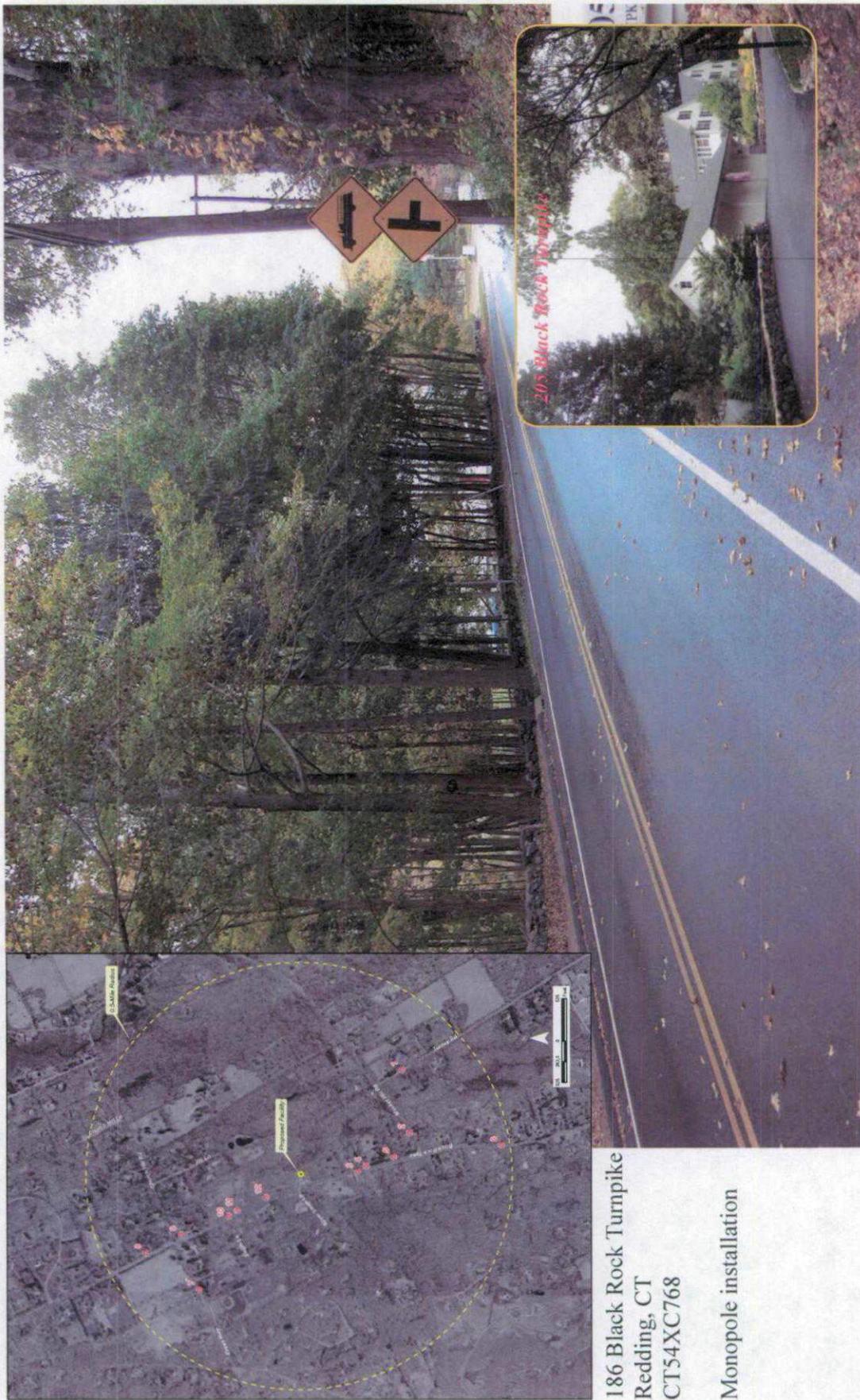


PHOTO TAKEN FROM 211 BLACK ROCK TURNPIKE (ROUTE 58), LOOKING SOUTH - BALLOON IS NOT VISIBLE  
DISTANCE FROM THE PHOTOGRAPH LOCATION TO THE PROPOSED SITE IS 0.17 MILE +/-

# Photographic Documentation and Simulation *View 12*



186 Black Rock Turnpike  
Redding, CT  
CT54XC768

Monopole installation

PHOTO TAKEN FROM 205 BLACK ROCK TURNPIKE (ROUTE 58), LOOKING SOUTH - BALLOON IS NOT VISIBLE  
DISTANCE FROM THE PHOTOGRAPH LOCATION TO THE PROPOSED SITE IS 0.10 MILE +/-

