

National Environmental Policy Act (NEPA) Screening Report

Prepared for:

Optasite Towers, LLC
One Research Drive, Suite 200C
Westborough, MA 01581



CT-999-0074 / MANCHESTER I CT

**1027 Middle Turnpike East
Manchester, Connecticut**

EBI Project No. 61061616

Site Report Date: December 11, 2006

December 11, 2006

Mr. Keith Coppins
Optasite Towers, LLC
One Research Drive, Suite 200C
Westborough, MA 01581

Subject: **National Environmental Policy Act (NEPA) Screening Report
CT-999-0074 / Manchester 1 CT
1027 Middle Turnpike East, Manchester, Connecticut
EBI Project #61061616**

Dear Mr. Coppins:

Attached please find our *National Environmental Policy Act (NEPA) Screening Report*, (the *Report*) for the proposed telecommunications installation at the address noted above (the Subject Property). The purpose of this *Report* is to evaluate the above-referenced property for environmental and historical concerns specified by the Federal Communications Commission (FCC) in 47 CFR 1.1307, and general industry standards.

The Subject Property consists of an approximately 9.0-acre parcel of undeveloped land. The Subject Property, which roughly forms an "L-shape," consists of forestland and cleared land utilized for agricultural purposes, located in the northern and southern portions respectively. The agricultural portion of the Subject Property was not active at the time of EBI's survey.

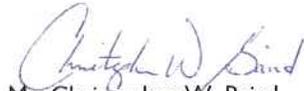
Optasite Towers, LLC proposes to construct a 150-foot monopole-style telecommunications tower within a 40-foot by 100-foot fenced gravel compound on the Subject Property. The compound will be located on an approximately 60-foot by 120-foot lease area on the northeastern portion of the Subject Property (herein, the Project Site). Access to the tower compound will be provided via a proposed 12-foot wide gravel access road, which will follow the route of an existing historic Subject Property ingress from New Bolton Road. Telecommunications and electric cables will be routed below-grade to the tower compound, along the proposed Project Site access road, from an existing utility pole located along New Bolton Road (State Route 44).

Please find the attached National Environmental Policy Act (NEPA) Checklist, NEPA Summary Report, and associated documentation for the above referenced site. Based upon the results of our assessment, it appears that the proposed installation will not adversely impact any of the criteria as outlined in 1.1307(a) items (1) through (8) and preparation of an Environmental Assessment (EA) is not required. **However, please note that regarding item (7), a wetland area is present within 50 of the proposed access road and within 100 feet of the proposed tower compound. Therefore, a review of the project plans and special permitting may be required from municipal authorities prior to commencement of construction activities.**

The *Report* was completed according to the terms and conditions authorized by you. There are no intended or unintended third party beneficiaries to this *Report*, unless specifically named. EBI is an independent contractor, not an employee of either the property owner or the project proponent, and its compensation was not based on the findings or recommendations made in the *Report* or on the closing of any business transaction.

Thank you for the opportunity to prepare this Report, and assist you with this project. Please call us if you have any questions or if we may be of further assistance.

Respectfully Submitted,


Mr. Christopher W. Baird
Author/Program Manager

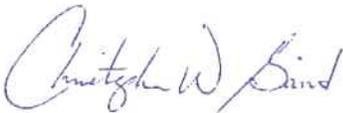

Ms. Kimberly Threlfall
Reviewer/Program Manager
Direct# (617) 715-1837


Mr. Jeff Previte
Managing Consultant

Appendix A – NEPA Checklist
Appendix B – FCC NEPA Summary Report
Appendix C – Figures, Drawings, and Maps
Appendix D – SHPO Correspondence
Appendix E – Tribal Correspondence
Appendix F – Land Resources Map
Appendix G – Federal and State Fish and Wildlife Service Correspondence
Appendix H – National Wetlands Inventory Map
Appendix I – FEMA Floodplain Map

**APPENDIX A
NEPA CHECKLIST**

	Site type (choose one): <input checked="" type="checkbox"/> Raw land <input type="checkbox"/> Tower colo <input type="checkbox"/> Other colo <input type="checkbox"/> Tower Replacement	Site ID: CT-999-0074 / Manchester I CT	Site Address: 1027 Middle Turnpike East, Manchester, Connecticut		
	NEPA Land Use Screening Checklist				
FCC NEPA Category	Consulting Agency to Contact	Check appropriate boxes below			
		No Adverse Impact	Potential Adverse Impact	Exempt from Review	NPA Applies
Designated Wilderness Areas	National Park Service, US Forest Service, Bureau of Land Management (BLM)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Designated Wildlife Preserves	National Park Service, US Forest Service, BLM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Threatened or Endangered Species & Critical Habitats	US Fish & Wildlife Service - Field Office (USF&WS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Historic Places	State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer (THPO)	<input checked="" type="checkbox"/> SHPO consultation completed	<input type="checkbox"/>	<input type="checkbox"/>	Collocation Agreement applies: <input type="checkbox"/> Nationwide Agreement Exclusion applies: <input type="checkbox"/>
Indian Religious Sites <i>*Pending resolution with the FCC</i>	American Indian Tribes, Bureau of Indian Affairs	<input checked="" type="checkbox"/> Tribal consultation completed	<input type="checkbox"/>	<input type="checkbox"/>	Collocation Agreement applies: <input type="checkbox"/> Nationwide Agreement Exclusion applies: <input type="checkbox"/>
Floodplain	Federal Emergency Management Agency (FEMA)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Wetlands & Surface Waterways	USF&WS NWI Maps US Army Corps of Engineers (ACOE)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Signature:  Company: EBI Consulting

Print name: Christopher W. Baird Date: December 11, 2006

APPENDIX B
FCC NEPA SUMMARY REPORT

**FCC NEPA Summary Report
(47 CFR Subpart I, Chapter I, Sections I.1301-I.1319)**

	Site type (choose one): <input checked="" type="checkbox"/> Raw land <input type="checkbox"/> Tower colo <input type="checkbox"/> Other colo <input type="checkbox"/> Tower Replacement	Site ID: CT-999-0074 / Manchester I CT	Site Address: 1027 Middle Turnpike East, Manchester, Connecticut
---	---	--	--

1. Is the antenna structure located in an officially designated wilderness area?

According to a review of the Land Resources Map (Appendix F) and the Department of Agriculture's list of wilderness areas (<http://www.wilderness.net/index.cfm?fuse=NWPS>), the Project Site is not located in an officially designated wilderness area. In addition, according to EBI's review of available on-line resources, the Project Site is not located in a National Park (www.nps.gov/gis, NPS Interactive Map Center), a designated Scenic and Wild River (www.nps.gov/rivers/wildriverslist.html), a land area managed by the Bureau of Land Management (www.blm.gov/nhp/facts/index.htm), or within ¼ mile of a National Scenic Trail as identified by the National Park Service (http://www.nps.gov/nrcr/programs/nts/nts_trails.html).

2. Is the antenna structure located in an officially designated wildlife preserve?

According to a review of the Land Resources Map (Appendix F), the Project Site is not located in an officially designated wildlife preserve. In addition, according to EBI's review of available on-line resources, the Project Site is not located in a US Fish and Wildlife Service National Wildlife Refuge (http://refuges.fws.gov/pdfs/refugeMap0930_2004.pdf).

3. Will the antenna structure likely affect threatened or endangered species or designated critical habitats? (Ref. 50 CFR Part 402)

According to a review of the Land Resources Map (Appendix F), no identified threatened or endangered species habitats or designated critical habitats are located in the vicinity of the Project Site.

Based on a review of the Connecticut list of threatened and endangered species, the habitat at the Project Site does not match the habitats of listed threatened and endangered species. In addition, EBI submitted a letter and project information requesting comments on the impacts of the project on threatened or endangered species to the United States Fish and Wildlife Service (USFWS) on June 14, 2006. The USFWS responded on July 6, 2006, indicating "based on information currently available to us, no federally-listed or proposed, threatened or endangered species, or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the Project area(s)." Copies of this correspondence are included in Appendix G.

Additionally based upon the proposed design (monopole) and height (under 250 feet AGL) it is unlikely that the proposed telecommunications installation would adversely impact migratory bird species protected under the Migratory Bird Treaty Act and the Endangered Species Act. Therefore, EBI concludes that the proposed project is unlikely to affect threatened or endangered species.

4. Will the antenna structure affect districts, sites, buildings, structures, or objects significant in American history, architecture, archeology, engineering, or culture that are listed, or potentially eligible for listing in the National Register of Historic Places (NRHP)? (Ref. 36 CFR Part 800 regulations implementing Section 106 of the National Historic Preservation Act).

EBI reviewed the proposed project plans against the Exclusions of the *Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process* (NPA). EBI concluded that the proposed tower construction does not meet any of the Exclusions listed in Section III of the NPA. Therefore, consultation with the Connecticut SHPO was required.

Based on EBI's review of files online at the National Register Information System (www.nr.nps.gov), Connecticut SHPO and the map of Known Cultural Resources provided by Heritage Consultants, LLC, no Historic Properties were identified within the ½-mile Area of Potential Effect (APE) for visual effects of the proposed tower.

Additionally, EBI contracted Heritage Consultants, LLC (Heritage) to perform a Phase I Cultural Resources Survey on the proposed Project Site for the likelihood of containing archaeological resources. Their investigation consisted of performed shovel tests measuring 50 centimeters in diameter in each of the four corners and center of the proposed Project Site lease area. Additionally, Heritage performed shovel tests at 15 meter intervals along the centerline of the proposed Project Site access road. Based on the findings of their investigation, Heritage concluded that "no evidence of cultural features was identified within the excavated shovel tests, and no cultural material, either prehistoric or historic in origin, was recovered. Since no cultural material was identified during the survey and no impact to cultural resources is anticipated, no additional fieldwork is recommended."

EBI submitted project plans, the results of the archaeological survey, and a request for comment on FCC Form 620 to the Connecticut SHPO on November 2, 2006. In correspondence dated November 21, 2006, the SHPO concurred with our determination that "the proposed undertaking will have no effect on historic, architectural, or archaeological resources listed on or eligible for the National Register of Historic Places." Please see Appendix D for copies of this correspondence.

5. Will the antenna structure affect Indian religious site(s)

Based on the requirements of the *Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process (NPA)*, Tribal consultation was required for this project because the proposed tower construction did not meet Exclusions A, B, C or F of the NPA.

EBI submitted documentation regarding the proposed project to the FCC's Tower Construction Notification System (TCNS). On May 12, 2006 the FCC's TCNS sent the project information to Tribes listed on their database who have interest in the state in which the project is planned. Additionally, EBI submitted follow-up requests for comment to each of the Tribes indicated by the TCNS to have a potential interest in the area of the project.

Tribal communication to date for this project is summarized in the following table.

#	Tribe Name	Initial Notification (via TCNS)	Response to Initial Contact	Second Attempt to Contact	Response to Second Attempt	Third Contact Attempt	Response to Third Attempt	Action Recommended
1	Mashantucket Pequot Tribe	May 12, 2006	None	September 22, 2005 (Overnight Mail)	None	Voicemail message left 10-20-05 for Mr. Rick McKinney	No interest letter November 30, 2006	No Further Action
2	Narragansett Tribe	May 12, 2006	None	September 22, 2005 (Overnight Mail)	None	FCC contacted Tribe October 20, 2005.	No interest letter dated November 9, 2006	No Further Action

Correspondence between EBI and the Tribes that includes copies of the Tower Construction Notification System emails, follow-up correspondence, and Tribal responses are appended to this *Report* (Appendix E).

6. Will the antenna structure be located in a floodplain? (Ref. Executive Order 11988 and 40 CFR Part 6, Appendix A)

According to the FEMA Flood Insurance Rate Map data for (Community Map 090031, Panel 0004D) included on the Land Resources Map (Appendix F), the Project Site is not located within a 100-year or 500-year floodplain. A review of the Flood Insight Flood Zone determination (Appendix I) confirmed that the Project Site is not located within a floodplain.

- 7. Will construction of the antenna structure involve significant change in surface features (e.g. wetlands, deforestation, or water diversion)? (Ref. Executive Order 11990 and 40 CFR Part 6, Appendix A)**

Based on EBI's site walkover, review of the Land Resources Map, and a review of site plans for the project, a wetland area exists within 50 of the proposed access road and within 100 feet of the proposed tower compound. Therefore, a review of the project plans and special permitting may be required from municipal authorities prior to commencement of construction activities. However, although a portion of the proposed Project Site is located within the 50-foot wetland buffer zone, the project will not include any wetlands filling; therefore, no EA is required to be submitted to the FCC.

Additionally, the proposed construction plans do not call for the removal of mature trees; therefore, the proposed installation will not result in deforestation. According to the proposed construction plans and onsite observations, surface water body diversion will not occur.

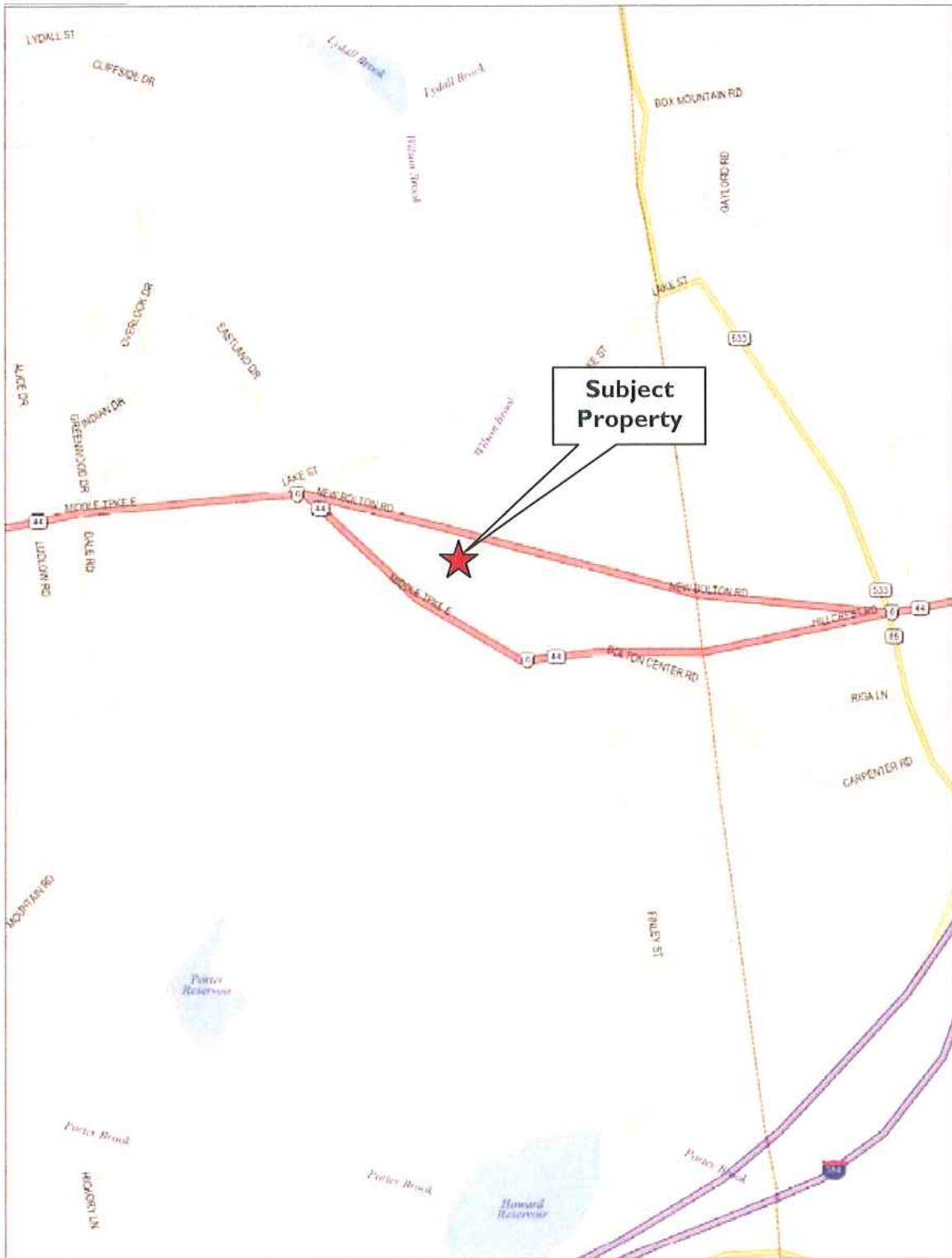
- 8. Is the antenna structure located in a residential neighborhood and required to be equipped with high intensity white lights?**

According to client representatives and site plans, the proposed installation will not include high intensity white lights and be located in a residential neighborhood.

- 9a. Will the antenna structure equal or exceed total power (of all channels) of 2000 Watts ERP (3280 EIRP) and have antenna located less than 10 meters above the ground?**
9b. Will the rooftop antenna project equal or exceed total power (of all channels) of 2000 Watts ERP (3280 EIRP)?

This category applies to FCC licensees and not antenna structure owners. Antenna structures (towers) do not emit radio frequency radiation. FCC licensees transmitting from antennas mounted on *Optasite*-owned antenna structures are required to comply with radio frequency exposure standards.

APPENDIX C
FIGURES, DRAWINGS, AND MAPS



Data use subject to license
 © 2004 DeLorme Street Atlas USA® 2005



CT-999-0074/Manchester I
1027 Middle Turnpike East
Manchester, CT 06040



Figure I: Location

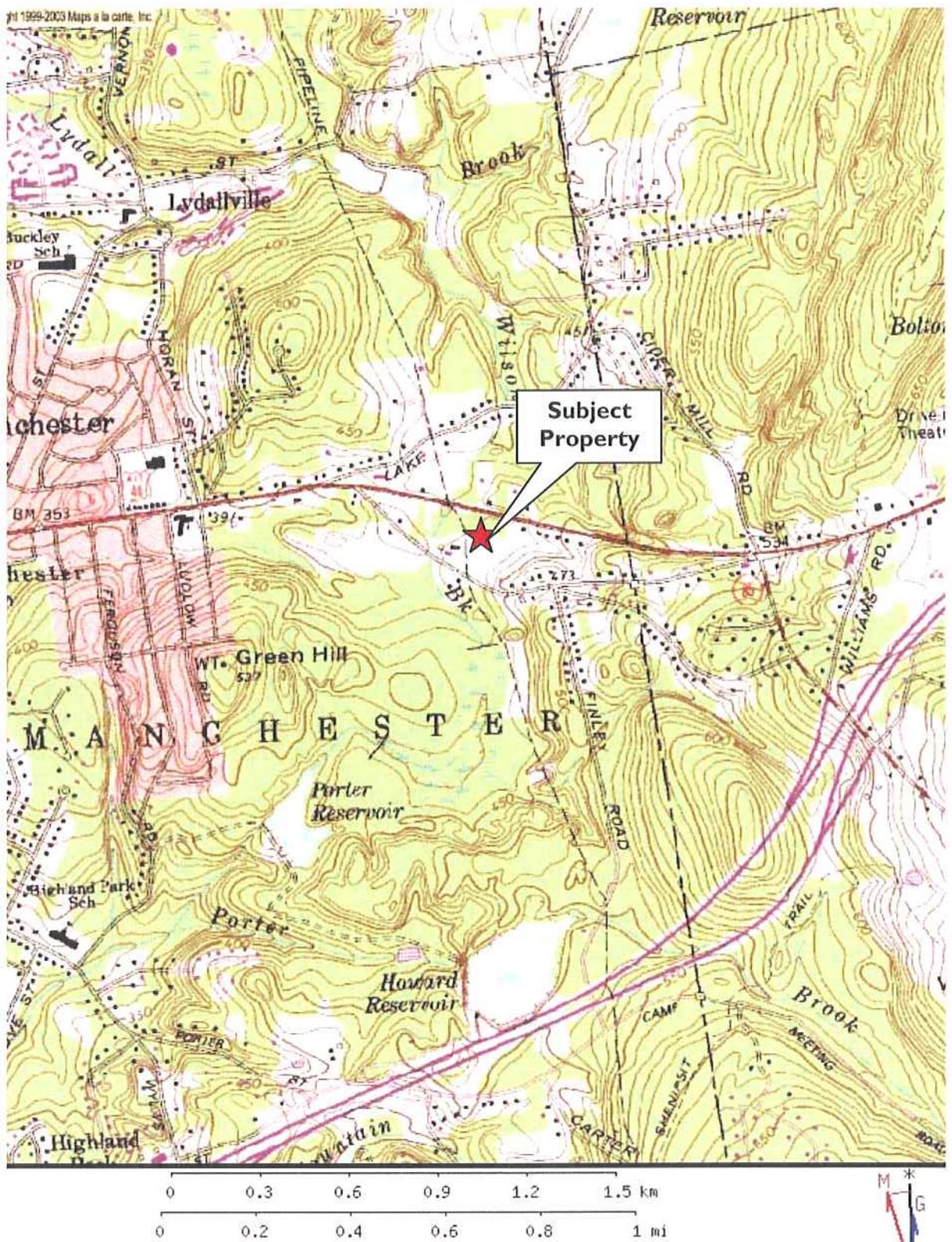
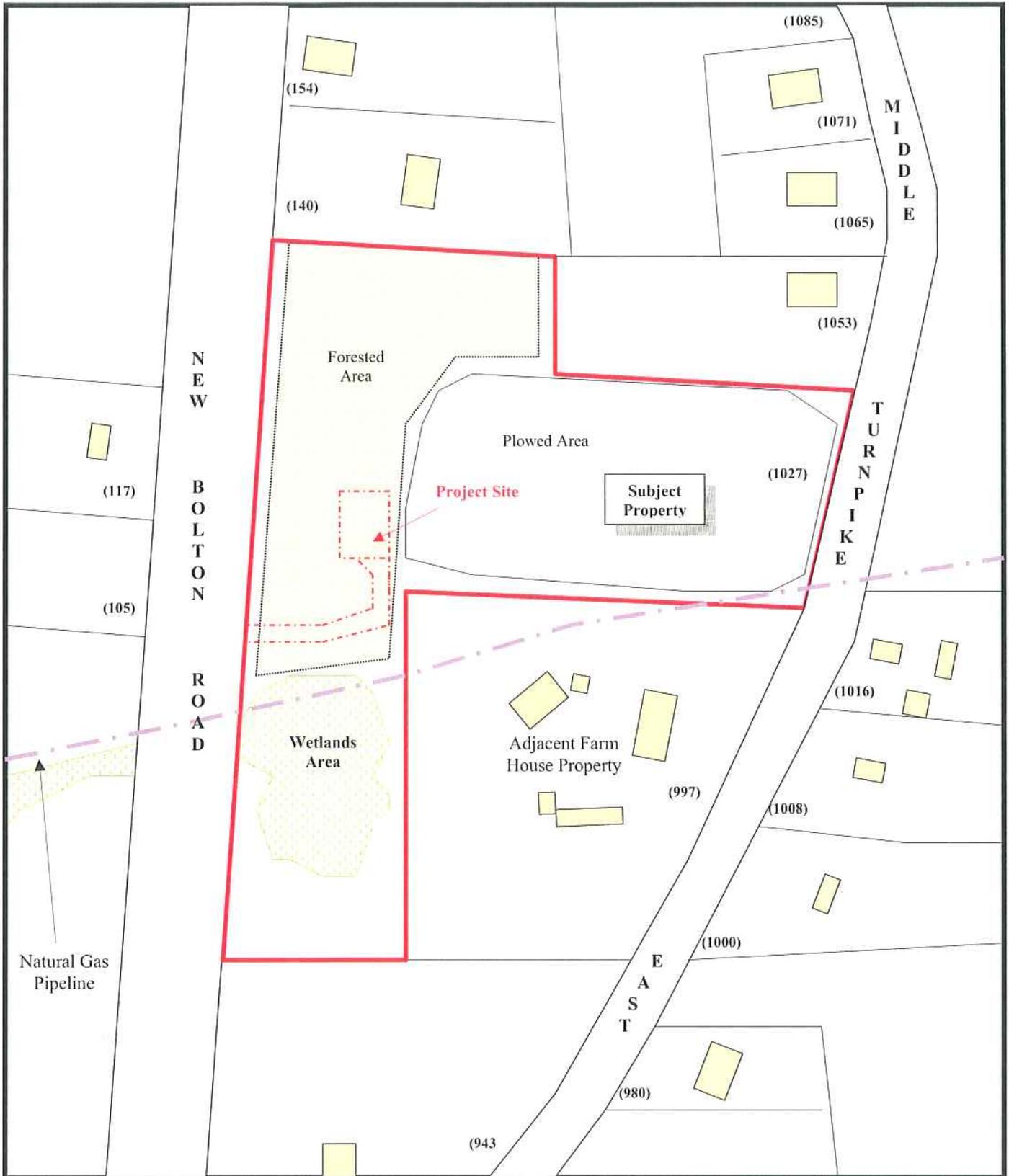


Figure 2: Locus Map

A portion of the Rockville, CT 1984
 USGS 7.5x15 Minute Quadrangle Scale 1:24,000

CT-999-0074/Manchester I
1027 Middle Turnpike East
Manchester, CT 06040





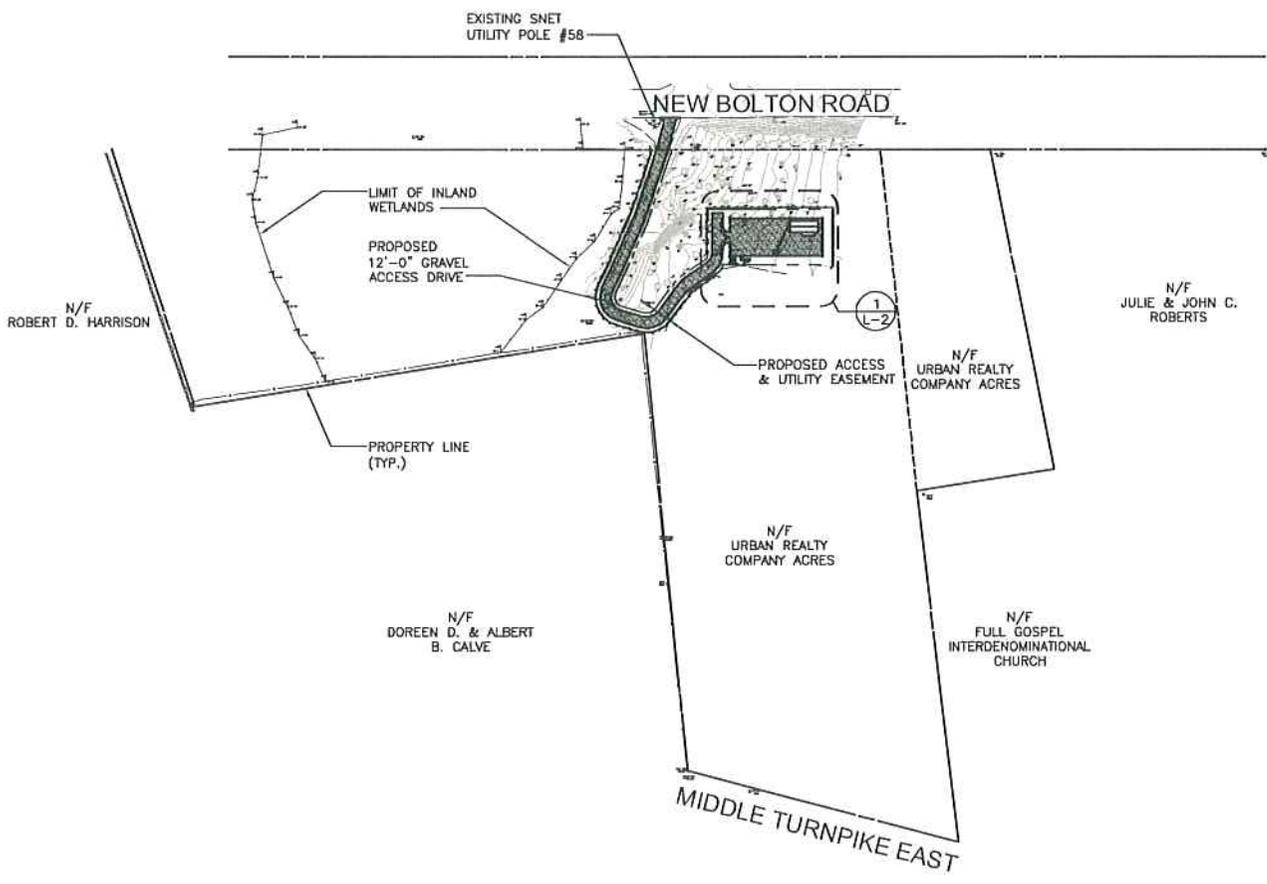
**CT-999-0074/Manchester I
1027 Middle Turnpike East
Manchester, CT 06040**



Figure 3: Site Plan



PROPOSED UTILITIES TO BE
 CONFIRMED AFTER MEETING
 WITH UTILITY COMPANY.



1 SITE PLAN
 L-1 SCALE: 1"=200'-0"



SITE ID NO:
 36915454

Designed by:

Drawn by: WRB

Checked by:

Approved by:

URS CORPORATION AES

500 ENTERPRISE DRIVE
 ROCKY HILL, CONNECTICUT
 1-(800)-529-8882

Optasite, Inc.
 ONE RESEARCH DRIVE, SUITE 200C
 WESTBOROUGH, MA 01581

URBAN REALTY
 SITE ADDRESS: 1027 MIDDLE TURNPIKE EAST
 MANCHESTER, CONNECTICUT 06040

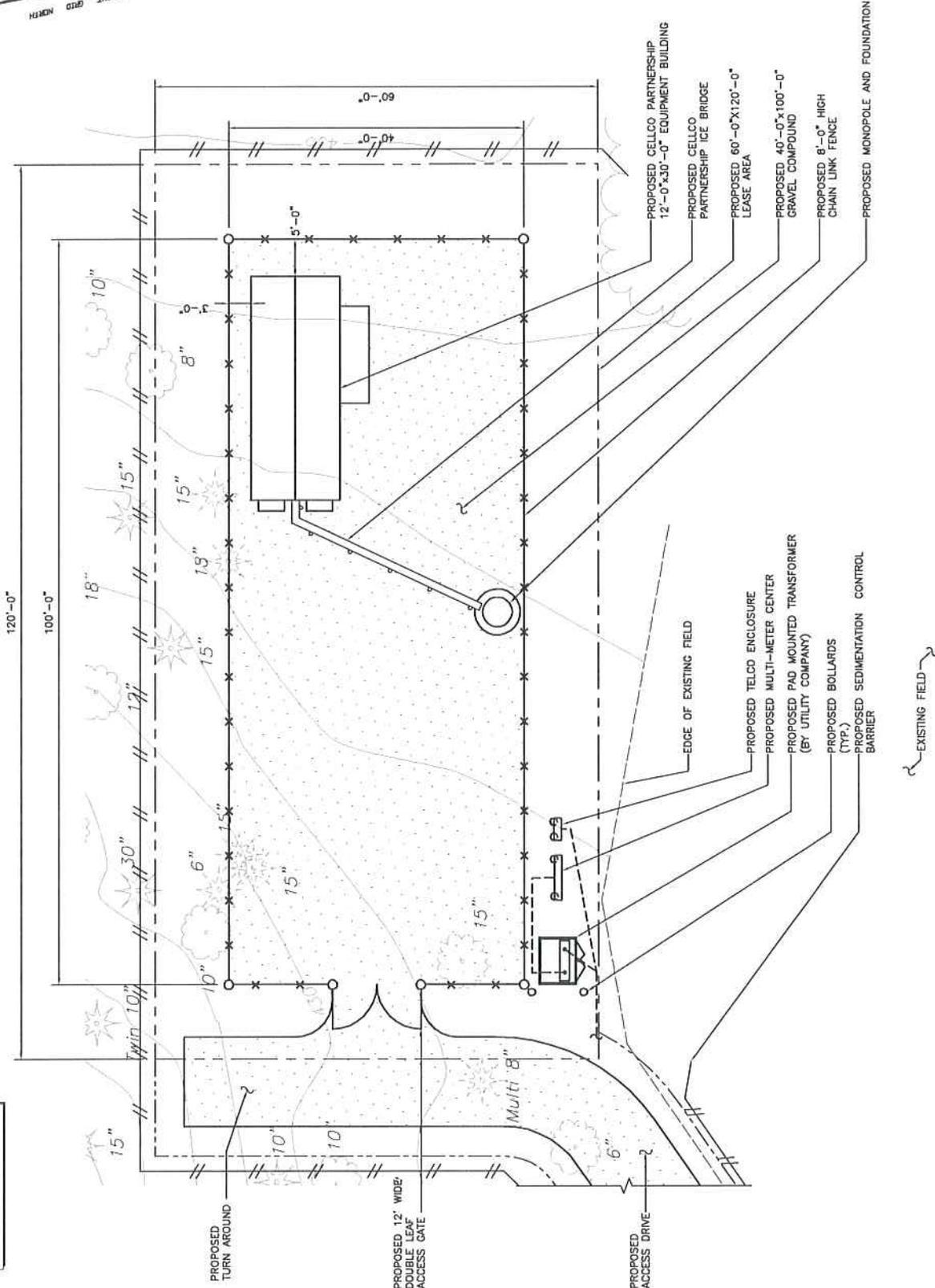
REV.	DATE:	DESCRIPTION

Scale: AS NOTED Dates: 03-24-06

Job No. OPT014 File No. L-1

Dwg. No.
 L-1

Dwg. 1 of 3



1
L-2
COMPOUND PLAN
SCALE: 1"=20'-0"

SITE ID No:
36915454
Designed by:
Drawn by: WRB
Checked by:
Approved by:

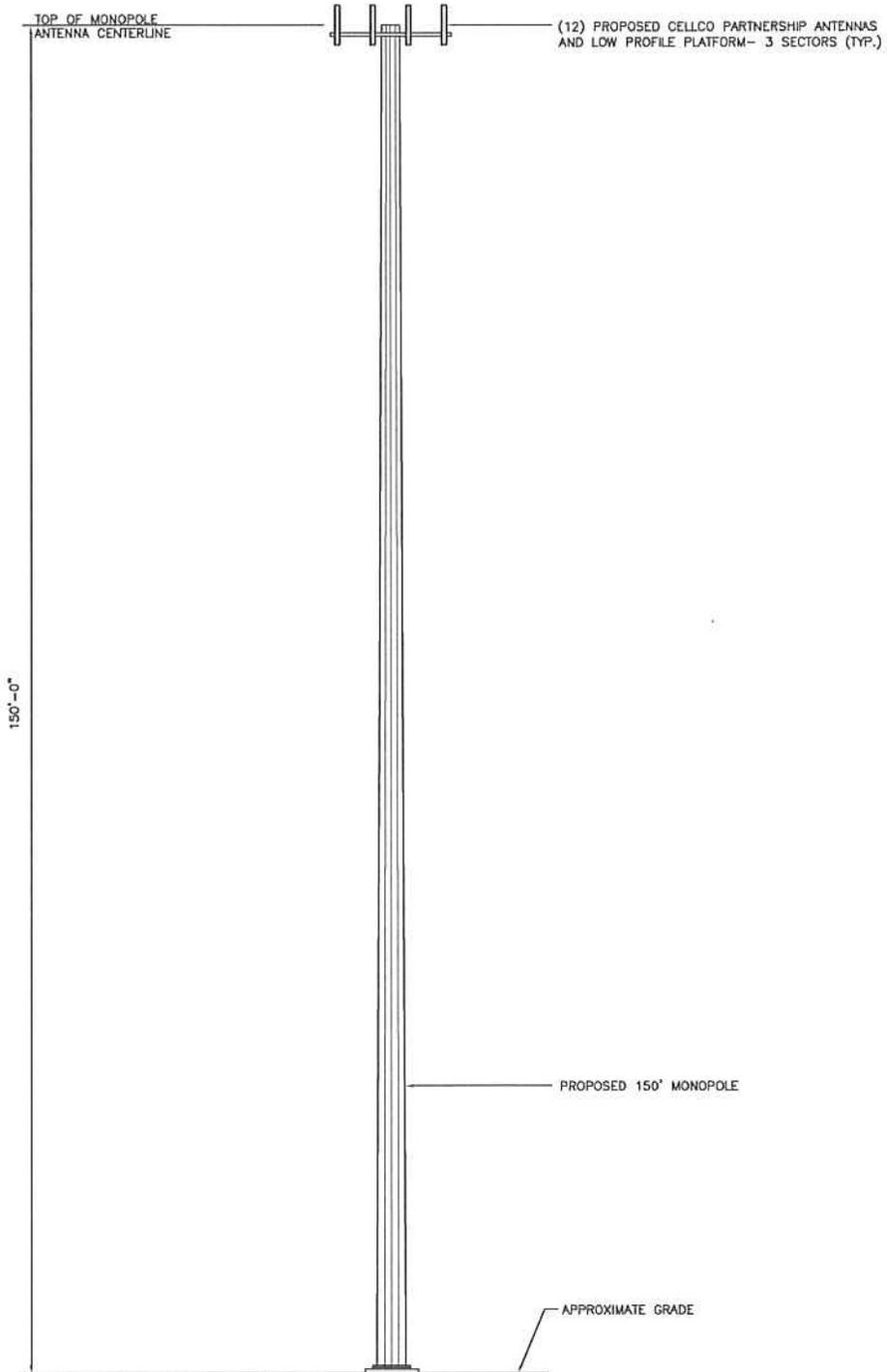
URS CORPORATION AES
500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-(860)-529-8882

Optasite, Inc.
ONE RESEARCH DRIVE, SUITE 200C
WESTBOROUGH, MA 01581
URBAN REALTY
SITE ADDRESS: 1027 MIDDLE TURNPIKE EAST
MANCHESTER, CONNECTICUT 06040

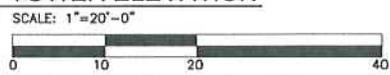
REV.	DATE:	DESCRIPTION

Scale: AS NOTED Date: 03-24-06
Job No. OPT014 File No. L-2

Dwg. No.
L-2
Dwg. 2 of 3



1 TOWER ELEVATION
L-3



SITE ID NO:
36915454

Designed by:

Drawn by: WRB

Checked by:

Approved by:

URS CORPORATION AES

500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-(860)-529-8882

Optasite, Inc.
ONE RESEARCH DRIVE, SUITE 200C
WESTBOROUGH, MA 01581

URBAN REALTY
SITE ADDRESS: 1027 MIDDLE TURNPIKE EAST
MANCHESTER, CONNECTICUT 06040

REV.	DATE:	DESCRIPTION

Scale: AS NOTED Date: 03-24-06

Job No. OPT014 File No. L-3

Dwg. No.
L-3

Dwg. 3 of 3

APPENDIX D
SHPO CORRESPONDENCE



Connecticut Commission on Culture & Tourism

November 21, 2006

Historic Preservation
& Museum Division

Mr. Christopher W. Baird
EBI Consulting
Four A Street
Burlington, MA 01803

59 South Prospect Street
Hartford, Connecticut
06106

(v) 860.566.3005
(f) 860.566.5078

Subject: Telecommunications Facilities
1027 Middle Turnpike East
Manchester, CT
EBI #61061616, CT-999-0074

Dear Mr. Baird:

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

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

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

This comment updates and supersedes all previous correspondence regarding the proposed telecommunications facilities.

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

Sincerely,

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

November 2, 2006

Ms. Paul Loether, Deputy SHPO
Connecticut Historical Commission
Executive Director & State Historic Preservation Officer
Amos Bull House
59 South Prospect Street
Hartford, CT 06106

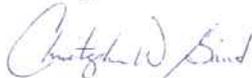
Subject: Submission Packet, FCC Form 620, for proposed New Tower Project
CT-999-0074 / Manchester 1, 1027 Middle Turnpike East, Manchester, Connecticut
EBI Project Number: 61061616

In accordance with FCC NEPA rules and Section 106 of the NHPA, the above-referenced telecommunications project is being evaluated by EBI for its potential effects to districts, sites, buildings, structures, or objects significant in American history, architecture, archeology, engineering, or culture that are listed, or potentially eligible for listing in the National Register of Historic Places (NRHP). Based on EBI's review of the characteristics and location of the proposed project, the project does not meet the exclusions stated in 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"); therefore, the project is required to undergo Section 106 review with the State Historic Preservation Office.

In accordance with the Nationwide Agreement, please find the attached Submission Packet, FCC Form 620, which presents the details on the proposed project as well as efforts that have been taken to identify, assess, and make determinations of effect on the impacts of the proposed project on Historic Properties.

We would appreciate your review of the data for the proposed project presented above and shown on the attached form and attachments. On behalf of *Optasite*, I would appreciate your comments on this proposed telecommunications installation in a letter directed to the address noted above. Please do not hesitate to contact us if you have any questions or concerns on the proposed project or the information contained in this Submission Packet.

Sincerely,



Christopher W. Baird
Project Scientist



Stephen Forrest
Historian / (617) 715-1817

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”)’ 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).²

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.

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).

¹ 16 U.S.C. § 470f.

² 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.”

Applicant’s Name: Optasite
Project Name: Manchester I
Project Number: CT-999-0074

NT SUBMISSION PACKET – FCC FORM 620

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

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.³

1. Applicant Information

Full Legal Name of Applicant: Optasite
Name and Title of Contact Person: Keith Coppins, Vice President Development
Address of Contact Person: One Research Drive, Westborough, MA 01581
Phone: (508) 779-2460 (ext. 314) Fax: (508) 471-1399
E-mail address: kcoppins@optasite.com

2. Applicant's Consultant Information

Full Legal Name of Applicant's Section 106 Consulting Firm: EnviroBusiness Inc. d/b/a EBI Consulting
Name of Principal Investigator: Stephen Forrest
Title of Principal Investigator: Historian
Investigator's Address: Four A Street
City: Burlington State: MA Zip Code 01803
Phone: (617) 715-1817 Fax: (617) 715-6517
E-mail Address: sforrest@ebiconsulting.com

³ Some attachments may contain photos or maps on which this information cannot be provided.

Applicant's Name: Optasite
Project Name: Manchester I
Project Number: CT-999-0074

NT SUBMISSION PACKET – FCC FORM 620

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

Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?⁴

YES / NO.

Areas in which the Principal Investigator meets the Secretary of the Interior's Professional Qualification Standards: 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, 877 Main Street, Newington, CT

3. Site Information

a. Street Address of Site: 1027 Middle Turnpike East

City or Township: Manchester

County / Parish: Hartford State: CT Zip Code: 06040

b. Nearest Cross Roads: New Bolton Road (US Hwy 6) / North-adjacent

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

N 41° 47' 05.90"; W 72° 28' 37.40"

d. Proposed tower height above ground level:⁵ 150 feet; 45.72 meters

e. Tower type:

Guyed lattice tower self-supporting lattice monopole

Other (briefly describe tower) _____

⁴ 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>. 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.

⁵ Include top-mounted attachments such as lightning rods.

Applicant's Name: Optasite
Project Name: Manchester I
Project Number: CT-999-0074

NT SUBMISSION PACKET – FCC FORM 620

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

4. Project Status:⁶

- 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 affects;
- 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.

Certification and Signature

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

Stephen J. Forrest

Signature

November 2, 2006

Date

Stephen Forrest
Printed Name

Historian
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).

⁶ 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: Optasite
Project Name: Manchester I
Project Number: CT-999-0074

NT SUBMISSION PACKET – FCC FORM 620

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

Attachments

Provide the following attachments in this order and numbered as follows:

Attachment I. Résumés / Vitae.

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

Please see attached Resumes of Principal Investigator and other contributing personnel.

SUMMARY OF EXPERIENCE

Christopher W. Baird is a Project Scientist with over five years of experience specializing in environmental site assessments and property condition surveys. In addition, Mr. Baird has extensive experience conducting and overseeing subsurface investigations, and asbestos, lead and mold inspections.

Environmental Site Assessments: Mr. Baird has conducted over three hundred environmental assignments for a wide range of properties including filling stations/bulk storage facilities, and industrial, commercial, agricultural, retail, and residential properties. These assessments were performed to evaluate site conditions, potential off-site liabilities, environmental control systems, and site remediation costs in order to advise prospective buyers, operators, and owners of potential and existing environmental concerns. Mr. Baird has successfully completed ASTM Phase I Site Assessments for various nationwide lending institutions throughout the United States and the Micronesian Island of Guam.

NEPA Assessments: In addition to environmental assessments, Mr. Baird performs National Environmental Policy Act (NEPA) assessments for various telecommunication clients to ensure they are in compliance with Federal Communications Commission (FCC) requirements under NEPA. Environmental reviews include analysis of historic properties, wetlands, endangered species habitat, floodplains, and other areas of environmental concern and the possible impacts of telecommunications installations on these sensitive areas. Mr. Baird performs NEPA assessments throughout New England.

Property Condition Assessments: In addition to environmental assessments, Mr. Baird has prepared numerous property condition due diligence reports for a wide range of properties throughout the United States and the Micronesian Island of Guam. Property types included industrial, retail, multi-family apartment, office buildings and large-scale commercial developments.

Subsurface Investigations: Mr. Baird has also completed subsurface investigations at commercial and residential properties throughout the United States. Subsurface Investigations have included the removal and proper closure of underground storage tanks, the installation of soil borings and groundwater monitoring wells, and the sampling of environmental media.

EDUCATION

B.S. Environmental Science, Acadia University, Nova Scotia, Canada

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

OSHA 40-Hour Hazardous Waste Operations (HAZWOPER) Certification

SUMMARY OF EXPERIENCE

Stephen Forrest is a Environmental Scientist specializing in environmental investigations, site assessments, and NEPA environmental reviews for the telecommunications industry.

Mr. Forrest has conducted numerous environmental due diligence assignments for a wide range of properties throughout the New England region. These assessments have been performed to evaluate site conditions, potential off-site liabilities, historic site and vicinity usage, environmental control systems, and site remediation costs in order to advise prospective buyers, current operators, and owners of potential and existing environmental concerns.

RELEVANT PROJECT EXPERIENCE

Environmental Site Assessments: Mr. Forrest has successfully completed ASTM Phase I Site Assessments and Preliminary Environmental Site Screenings for a variety of properties located within the New England area. These assessments have been performed to evaluate site conditions, potential off-site liabilities, environmental control systems, and site remediation costs in order to advise prospective buyers, current operators, and owners of potential and existing environmental concerns. These properties have included industrial, commercial, multi-family residential and mobile telecommunications properties.

NEPA Assessments: In addition to environmental assessments, Mr. Forrest prepares and manages NEPA reviews and Environmental Assessments for telecommunications sites throughout the New England area. Mr. Forrest has helped clients facilitate the environmental review process to ensure compliance with Federal Communications Commission (FCC) requirements under the National Environmental Policy Act (NEPA). Environmental reviews include analysis of historic properties, wetlands, endangered species habitat, floodplains, and other areas of environmental concern and the possible impacts of telecommunications installations on these sensitive areas.

EDUCATION

Bachelor's Degree History/Political Science
 Villanova University, Villanova, PA

NT SUBMISSION PACKET – FCC FORM 620

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

Attachment 2. Additional Site Information

Describe any additional structures, access roads, utility lines, fences, easements, or other construction planned for the site in conjunction with the proposed facility

The property is located at 1027 Middle Turnpike East in Manchester, Hartford County, Connecticut. Manchester is located in central Connecticut. The property is currently unimproved and portions are utilized for agricultural purposes. Vicinity properties consist of single-family residences, and dense stands of mature deciduous and coniferous forestation with an average height of 40 feet above grade.

Optasite proposes to construct a 150-foot monopole style telecommunications tower within a 40-foot by 100-foot fenced gravel compound on the Subject Property. The compound will be located on an approximately 80-foot by 120-foot leased area on the northeastern portion of the Subject Property (herein, the Project Site). Third party carriers also propose to collocate antennas to the tower at heights varying between 150 feet and 120 feet above ground level. These carriers also propose to place telecommunications support equipment at the base of the tower within the fenced compound. Telecommunications and electric cables will be routed from the existing utility pole located along New Bolton Road (State Route 44) to the proposed compound. Access to the proposed compound will be provided via an existing site ingress from New Bolton Road.

Please refer to the Site Plans for the proposed project, which are included in Attachment 12, Maps.

NT SUBMISSION PACKET – FCC FORM 620

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

Attachment 3. Tribal and NHO Involvement

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

EI completed the Tower Construction Notification System (TCNS) on May 12, 2006. The attached FCC Notification email lists the Tribes identified through the TCNS process. Follow up correspondence, has been completed via the methods listed on the attached email considered acceptable to that Tribe.

Chris Baird

From: towernotifyinfo@fcc.gov
Sent: Friday, May 12, 2006 3:02 AM
To: Chris Baird
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #1105324

Dear Sir or Madam:

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

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

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

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

2. Deputy THPO - Doug Harris - Narragansett Indian Tribe - Wyoming, RI - electronic mail and regular mail

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and

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

None

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

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

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

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

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

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

Notification Received: 05/09/2006
Notification ID: 15601
Tower Owner Individual or Entity Name: Optasite
Consultant Name: Christopher W Baird

Street Address: EBI Consulting Four A Street
City: Burlington
State: MASSACHUSETTS
Zip Code: 01803
Phone: 617-715-1846
Email: cbaird@ebiconsulting.com
Structure Type: POLE - Any type of Pole
Latitude: 41 deg 47 min 6.0 sec N
Longitude: 72 deg 28 min 37.0 sec W
Location Description: 1027 Middle Turnpike East
City: Manchester
State: CONNECTICUT
County: HARTFORD
Ground Elevation: 129.5 meters
Support Structure: 45.7 meters above ground level
Overall Structure: 45.7 meters above ground level
Overall Height AMSL: 575.0 meters above mean sea level

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

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

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

Thank you,
Federal Communications Commission

NT SUBMISSION PACKET – FCC FORM 620

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

Attachment 4. Local Government

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

The Manchester Town Clerk has been notified of the proposed project and has been invited to indicate whether they are interested in consulting further on the proposed project. A copy of the notice sent to the local government office is attached. To date, EBI has not received any response from the Town of Manchester.

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

No applicable (see above)

June 14, 2006

Manchester Historic Commission
c/o Manchester Town Clerk
41 Center Street, P.O. Box 191
Manchester, CT 06045

**Subject: Invitation to Comment in Section 106 Consultation Process
Manchester I / CT-999-0074
1027 Middle Turnpike East, Manchester, CT
EBI Project #61061616**

To Whom It May Concern:

In accordance with FCC NEPA rules and Section 106 of the NHPA, the above-referenced telecommunications project is being evaluated by EBI for its potential effects to districts, sites, buildings, structures, or objects significant in American history, architecture, archeology, engineering, or culture that are listed, or potentially eligible for listing in the National Register of Historic Places (NRHP). Based on EBI's review of the characteristics and location of the proposed project, the project does not meet the exclusions stated in 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"); therefore, the project is required to undergo Section 106 review with the State Historic Preservation Office.

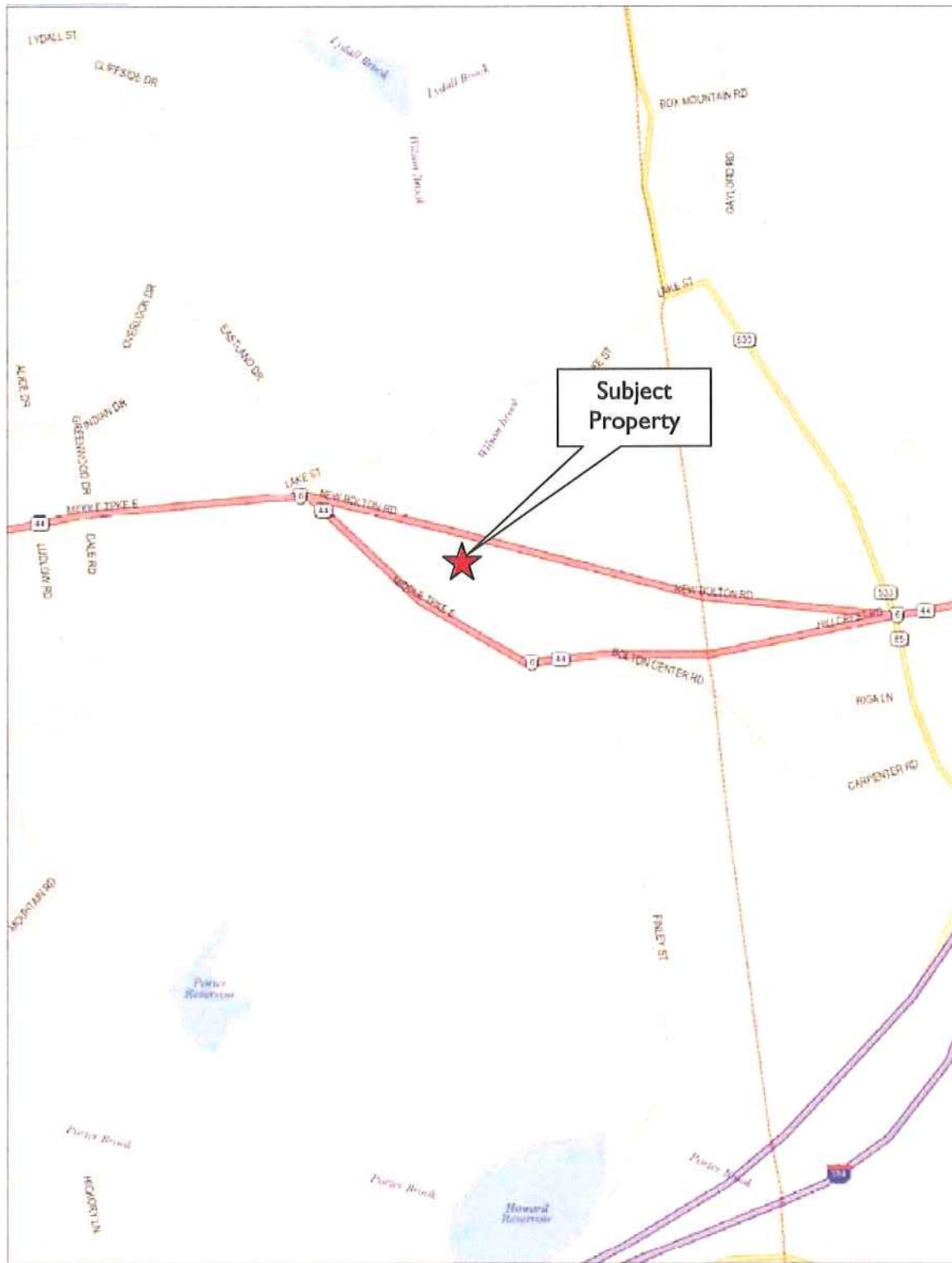
This letter is to invite the Manchester Historical Commission (or appropriate municipal office) to review the attached plans for a proposed telecommunications facility to be located at the address noted above. The proposed project will consist of a 150-foot telecommunications monopole and associated support equipment within a proposed 40-foot by 100-foot fenced gravel compound. The compound will be located on an approximately 80-foot by 120-foot leased area located on the northeastern portion of the Subject Property (herein, the Project Site). Third party carriers also propose to collocate antennas to the tower at heights varying between 150 feet and 120 feet above ground level. These carriers also propose to place telecommunications support equipment at the base of the tower within the fenced compound. Telecommunications and electric cables will be routed from the existing utility pole located along New Bolton Road (State Route 44) to the proposed compound. Access to the proposed compound will be provided via an existing site ingress from New Bolton Road.

On behalf of *Optasite*, we are inviting comment on the project's potential effects to districts, sites, buildings, structures, or objects significant in American history, architecture, archeology, engineering, or culture that are listed, or potentially eligible for listing in the NRHP. We would appreciate any comments you wish to provide regarding the potential effects of the proposed facility on any historic property in a letter directed to the address noted above within the next 30 days. Please do not hesitate to contact us if you have any questions or concerns on the proposed project.

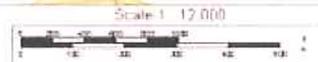
Respectfully Submitted,



Mr. Christopher W. Baird
Author/ Project Scientist
(617) 715-1846



Data use subject to license
 © 2004 Delorme - Street Atlas (USA) 2005



CT-999-0074/Manchester I
1027 Middle Turnpike East
Manchester, CT 06040



Figure I: Location Map

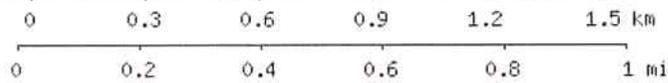
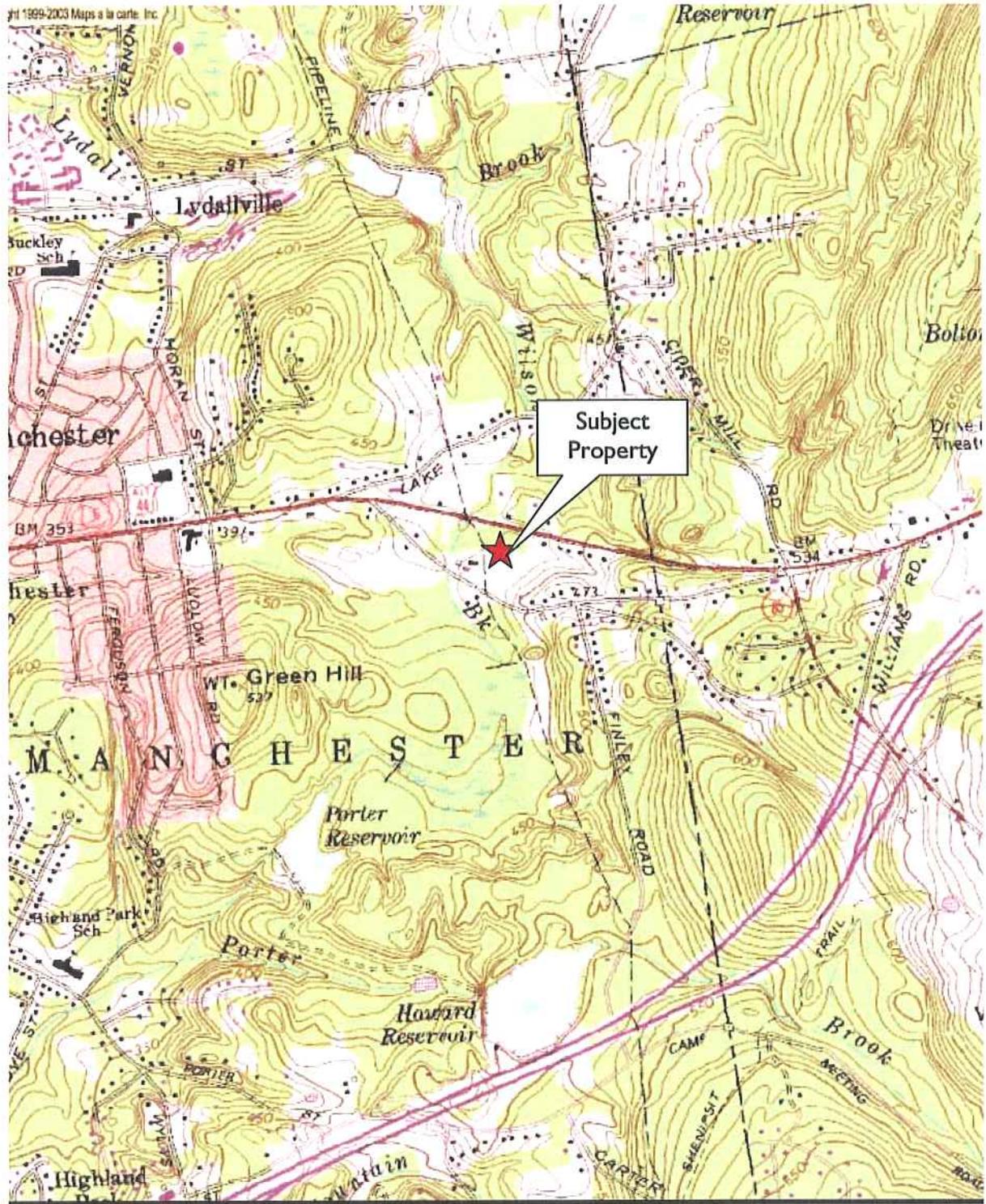


Figure 2: Locus Map

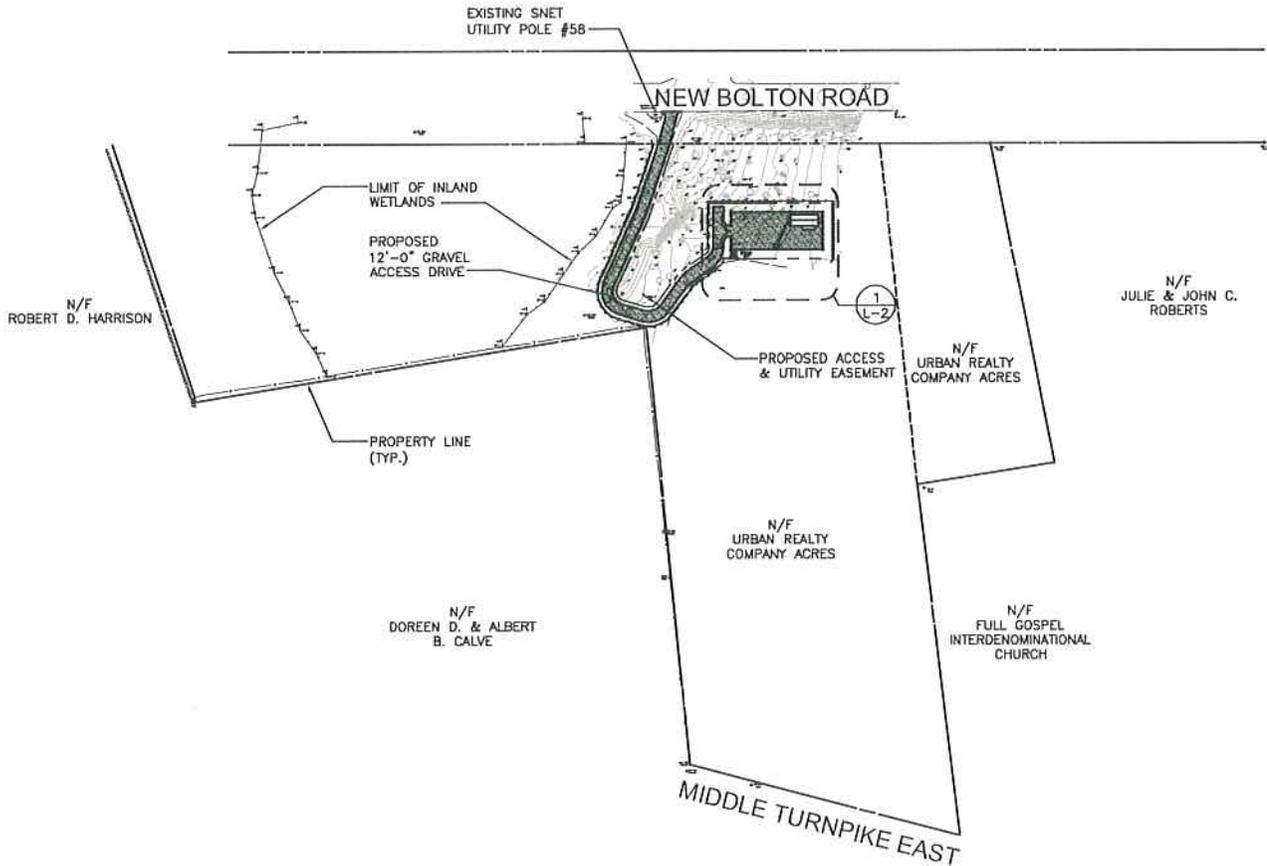
A portion of the Rockville, CT 1984
USGS 7.5x15 Minute Quadrangle Scale 1:24,000

CT-999-0074/Manchester I
1027 Middle Turnpike East
Manchester, CT 06040





PROPOSED UTILITIES TO BE
 CONFIRMED AFTER MEETING
 WITH UTILITY COMPANY.



1 SITE PLAN
 L-1 SCALE: 1"=200'-0"



SITE ID NO:
 36915454
 Designed by:
 Drawn by: WRB
 Checked by:
 Approved by:

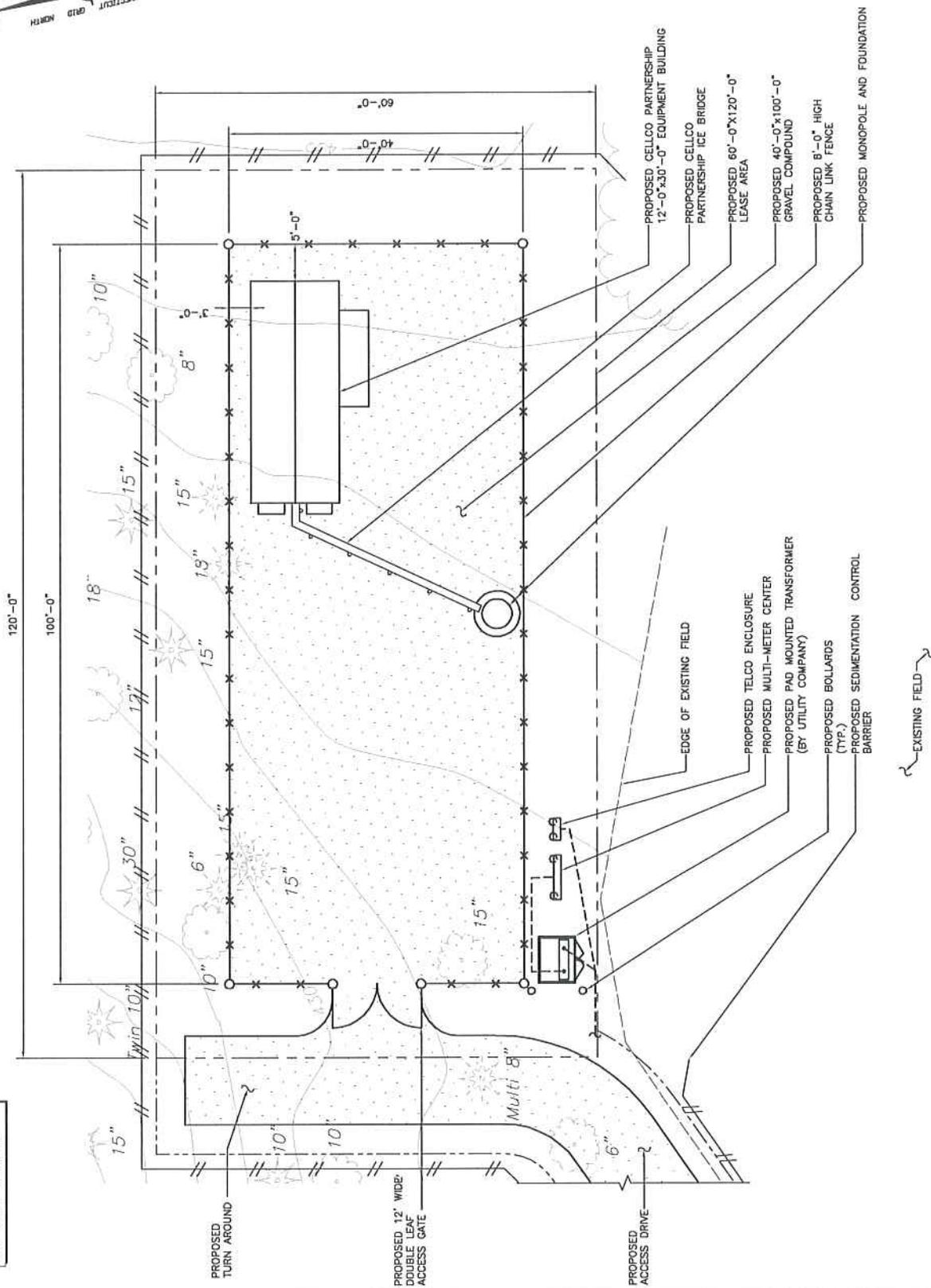
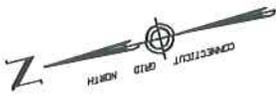
URS CORPORATION AES
 500 ENTERPRISE DRIVE
 ROCKY HILL, CONNECTICUT
 1-(860)-529-8882

Optasite, Inc.
 ONE RESEARCH DRIVE, SUITE 200C
 WESTBOROUGH, MA 01581
 URBAN REALTY
 SITE ADDRESS: 1027 MIDDLE TURNPIKE EAST
 MANCHESTER, CONNECTICUT 06040

REV.	DATE:	DESCRIPTION

Scale: AS NOTED Date: 03-24-06
 Job No. OPT014 File No. L-1

Dwg. No.
 L-1
 Dwg. 1 of 3



1 COMPOUND PLAN
L-2
SCALE: 1"=20'-0"

PROPOSED UTILITIES TO BE CONFIRMED AFTER MEETING WITH UTILITY COMPANY.

SITE ID NO:
36915454
Designed by:
Drawn by: WRB
Checked by:
Approved by:

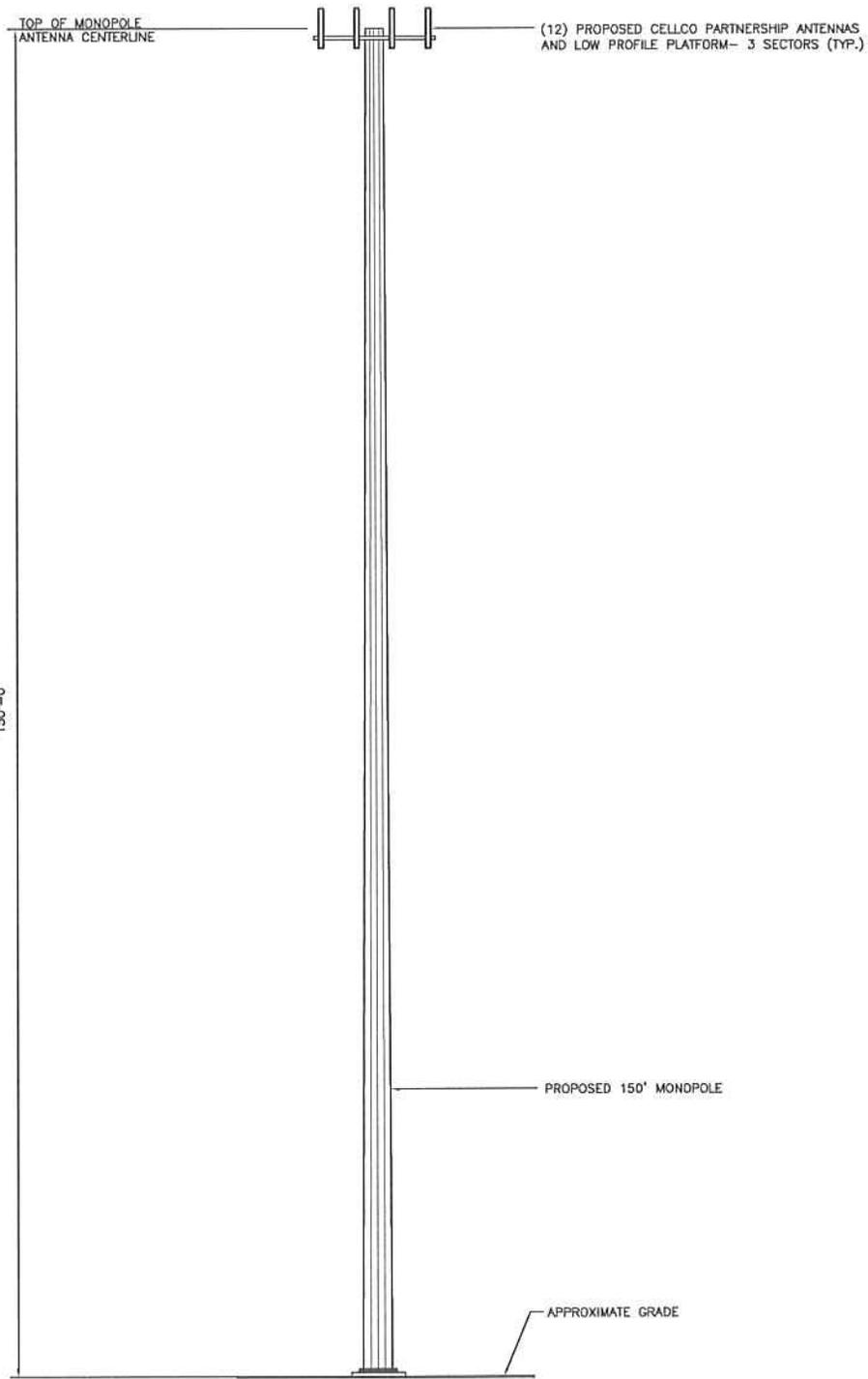
URS CORPORATION AES
500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-(860)-529-8882

Optasite, Inc.
ONE RESEARCH DRIVE, SUITE 200C
WESTBOROUGH, MA 01581
URBAN REALTY
SITE ADDRESS: 1027 MIDDLE TURNPIKE EAST
MANCHESTER, CONNECTICUT 06040

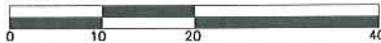
REV.	DATE	DESCRIPTION

Scale: AS NOTED Date: 03-24-06
Job No. OPT014 File No. L-2

Dwg. No.
L-2
Dwg. 2 of 3



1 TOWER ELEVATION
L-3 SCALE: 1"=20'-0"



SITE ID NO:
36915454
Designed by:
Drawn by: WRB
Checked by:
Approved by:

URS CORPORATION AES
500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-(866)-529-8882

Optasite, Inc.
ONE RESEARCH DRIVE, SUITE 200C
WESTBOROUGH, MA 01581

URBAN REALTY
SITE ADDRESS: 1027 MIDDLE TURNPIKE EAST
MANCHESTER, CONNECTICUT 06040

REV.	DATE:	DESCRIPTION

Scale: AS NOTED Date: 03-24-06
Job No. OPT014 File No. L-3

Dwg. No.
L-3
Dwg. 3 of 3

NT SUBMISSION PACKET – FCC FORM 620

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

Attachment 5. Public Involvement

Describe measures taken to obtain public involvement in this project (e.g., notices, letters, or public meetings). Provide copies of relevant documentation.

EBI understands that all documentation and notices have been supplied to the appropriate Manchester officials and that these documents are available for review at the Town Hall. Additionally, a newspaper advertisement ran in a local paper notifying the public of the proposed telecommunications project at this location.

Attached please find a copy of the legal notice regarding the proposed telecommunications installation that was posted in Journal Inquirer on June 13, 2006. As of the date of this letter, no comments regarding this notice have been received by either EBI or the Applicant. Should a response be received, copies will be forwarded as an addendum to this submission packet.

Order #: 351352
Class: 4000 - GENERAL LEGALS
AcTaker: A21
Customer: MISC-LEGAL NOTICE

PUBLIC NOTICE

Optasite is proposing to construct a new telecommunications tower at 1027 Middle Turnpike East. The new facility will consist of a 150-foot monopole style tower and associated support equipment located within a 40-foot by 100-foot fenced compound. Any interested party wishing to submit comments regarding the potential effects the proposed facility may have on any historic property may do so by sending comments to: Project 61061616-CWB c/o Four A Street, Burlington, MA 01803, (781) 273-2500.

Journal Inquirer
June, 2006



NT SUBMISSION PACKET – FCC FORM 620

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

Attachment 6. Additional Consulting Parties

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

No additional Consulting Parties have been invited to date.

NT SUBMISSION PACKET – FCC FORM 620

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

Attachment 7. Areas of Potential Effects

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

The APE for direct effects is limited to the area of potential ground disturbance **and** any property, or **any portion thereof**, that will be physically altered or destroyed by the Undertaking. Because the Subject Property is vacant, only those portions of the Subject Property where ground disturbance will take place are regarded as within the APE for Direct Effects.

The area of ground disturbance includes the portions of the property to be excavated for the tower compound, access road and utility run. These areas have been described in Attachment 2. Please note that a proposed tower foundation typically extends approximately zero to 30 feet below grade. Additionally, the proposed equipment shelters, access road, and utility runs typically extend up to a depth of four feet below grade.

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

The APE for visual effects is the geographic area in which the Undertaking has the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character-defining feature of a Historic Property that makes it eligible for listing on the National Register. The presumed APE for visual effects for construction of new Facilities is the area from which the Tower will be visible: a. Within a half mile from the tower site if the proposed Tower is 200 feet or less in overall height; b. Within $\frac{3}{4}$ of a mile from the tower site if the proposed Tower is more than 200 but no more than 400 feet in overall height; or c. Within 1- $\frac{1}{2}$ miles from the proposed tower site if the proposed Tower is more than 400 feet in overall height.

Based upon EBI's walkover and windshield survey of the proposed Project Site and vicinity, as well as a review of appropriate topographic maps, and the general development of the project area, the tower, or portions thereof, has the potential to be visible from areas within the presumed APE. The tower will likely be visible for approximately $\frac{1}{2}$ -mile to the east and west along New Bolton Road (U.S. Highway 6), and to the northwest from portions of Lake Street. However, due to the undulating topography of the area and dense stands of forest, the tower will only be visible from approximately $\frac{1}{4}$ -mile distance to the northeast and south.

NT SUBMISSION PACKET – FCC FORM 620

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

Attachment 8. Historic Properties Identified in the APE for Visual Effects

- a. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for visual effects that is listed in the National Register, has been formally determined eligible for listing by the Keeper of the National Register, or is identified as considered eligible for listing in the records of the SHPO/THPO, pursuant to Section VI.D.1.a. of the Nationwide Agreement.⁷

Based on Heritage Consultant's review of files at the Connecticut Historical Commission on October 20, 2006, no Historic Properties were identified within the APE for visual effects. However, Heritage Consultant's review identified the "Rochambeau March Route" (1782-1783) as having followed along what is now Middle Turnpike East, immediately south and adjacent to the Subject Property. Although EBI identified the "Rochambeau March Route" on the National Register of Historic Places' (NRHP) online database, the NRHP did not identify this listing under the town of Manchester. However, for the purposes of this submittal, EBI will include the "Rochambeau March Route" as an identified historic site potentially located within the APE for visual effects.

- b. Provide the name and address (including U.S. Postal Service ZIP Code) of each Historic Property in the APE for visual effects, not listed in Attachment 8a, identified through the comments of Indian Tribes, NHOs, local governments, or members of the public. Identify each individual or group whose comments led to the inclusion of a Historic Property in this attachment. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63).

No additional Historic Properties have been identified.

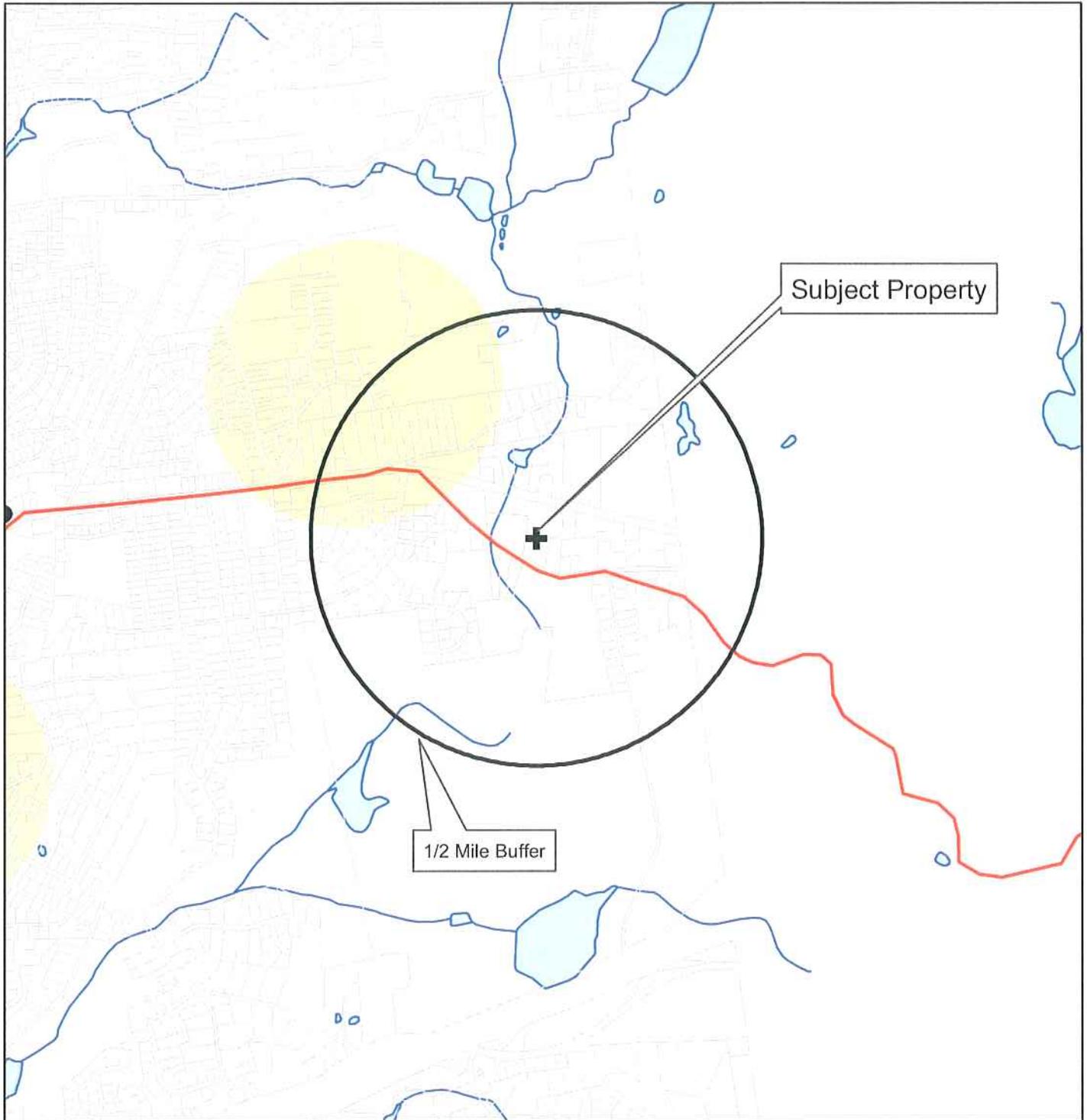
- c. For any properties listed on Attachment 8a that the Applicant considers no longer eligible for inclusion in the National Register, explain the basis for this recommendation.

None of the Historic Properties referenced above in 8a are recommended ineligible for inclusion in the National Register.

⁷ Section VI.D.1.a. of the Nationwide Agreement requires the Applicant to review publicly available records to identify within the APE for visual effects: i) properties listed in the National Register; ii) properties formally determined eligible for listing by the Keeper of the National Register; iii) properties that the SHPO/THPO certifies are in the process of being nominated to the National Register; iv) properties previously determined eligible as part of a consensus determination of eligibility between the SHPO/THPO and a Federal Agency or local government representing the Department of Housing and Urban Development (HUD); and, v) properties listed in the SHPO/THPO Inventory that the SHPO/THPO has previously evaluated and found to meet the National Register criteria, and that are identified accordingly in the SHPO/THPO Inventory.

PROJECT AREA AND
KNOWN CULTURAL RESOURCES

SITE # CT-999-0074
1027 MIDDLE TURNPIKE EAST
MANCHESTER, CONNECTICUT



EBI CONSULTING

0 1,200 2,400 Feet

COPYRIGHT HERITAGE CONSULTANTS 2005.

Legend

Subject Property	National Register (points)	1/2 Mile Buffer	Reported Archaeological Sites Buffered
National Register (polygon)	Rochambeau March Route 1782-1783		

Index by State and Name

National Register Information System

10/30/2006 10:49:18

No filter

Include filter in navigation

Row	STATE	COUNTY	RESOURCE NAME	ADDRESS	CITY	LISTED	MULTIPLE
1	CT	Windham	March Route of Rochambeau's Army: Palmer Road	Palmer Rd, from intersection with Miller Rd. to E of jct. with Pudding Hill Rd.	Scotland	2003-06-06	Rochambeau's Army in Connecticut, 1780-1782 MPS
2	CT	Fairfield	March Route of Rochambeau's Army: Reservoir Road	Jct. of Reservoir Rd and mt. Pleasant Rd. S	Newtown	2003-01-08	Rochambeau's Army in Connecticut, 1780-1782 MPS
3	CT	Fairfield	March Route of Rochambeau's Army: Ridgebury Road	Ridgebury Road, from intersection with Old Stagecoach S	Ridgefield	2003-06-06	Rochambeau's Army in Connecticut, 1780-1782 MPS
4	CT	Tolland	Fifth Camp of Rochambeau's Infantry	Address Restricted	Bolton	2001-04-30	
5	CT	Tolland	March Route of Rochambeau's Army: Bailey Road	Bailey Rd.	Bolton	2003-01-08	Rochambeau's Army in Connecticut, 1780-1782 MPS
6	CT	Tolland	March Route Rochambeau's Army-- Hutchinson Road	Hutchinson Road, from jct. with Hendee Rd. southward to end	Andover	2002-05-06	Rochambeau's Army in Connecticut, 1780-1782 MPS
7	CT	Windham	Forty-Seventh Camp of Rochambeau's Army	Address Restricted	Windham	2003-01-23	Rochambeau's Army in Connecticut, 1780-1782 MPS
8	CT	Windham	Fourth Camp of Rochambeau's Army	Address Restricted	Windham	2003-01-08	Rochambeau's Army in Connecticut, 1780-1782 MPS
9	CT	Windham	March Route of Rochambeau's Army: Manship	Manship Rd., Barstow Rd. from jct. with	Canterbury	2003-01-08	Rochambeau's Army in Connecticut, 1780-1782

			Road-Barstow Road	Manship Rd. to Westminister Rd.			MPS
10	CT	Windham	March Route of Rochambeau's Army: Old Canterbury Road	Old Canterbury Rd: Canterbury Rd. from Jct. with Old Canterbury Rd.	Plainfield	2003-06-06	Rochambeau's Army in Connecticut, 1780-1782 MPS



Index by State and Name

National Register Information System

10/30/2006 10:40:25

No filter

Include filter in navigation

Row	STATE	COUNTY	RESOURCE NAME	ADDRESS	CITY	LISTED	MULTIPLE
11	CT	Windham	March Route of Rochambeau's Army: Palmer Road	Palmer Rd, from intersection with Miller Rd. to E of jct. with Pudding Hill Rd.	Scotland	2003-06-06	Rochambeau's Army in Connecticut, 1780-1782 MPS
12	CT	Windham	March Route of Rochambeau's Army: Plainfield Pike	Plainfield Pike from intersection with Industrial Dr., E to juct. with Ledge Hill rd.	Plainfield	2003-06-06	Rochambeau's Army in Connecticut, 1780-1782 MPS
13	CT	Windham	March Route of Rochambeau's Army: Scotland Road	Scotland Rd., from intersection with Back Rd. to 80 Scotland Rd.	Windham	2003-06-06	Rochambeau's Army in Connecticut, 1780-1782 MPS

Page 2



Index by State and City

National Register Information System

10/30/2006 13:28:56

No filter

Include filter in navigation

Row	STATE	COUNTY	RESOURCE NAME	ADDRESS	CITY	LISTED	MULTIPLE
1	CT	Hartford	Burnham, Edward L., Farm	580 Burnham St.	Manchester	1982-04-12	
2	CT	Hartford	Cheney Brothers Historic District	Bounded by Hartford Rd., Laurel, Spruce, and Lampfield Sts.	Manchester	1978-06-02	
3	CT	Hartford	Main Street Historic District	Roughly, Main St. from Center St. to Eldridge St.	Manchester	1996-04-18	
4	CT	Hartford	Manchester Historic District	Roughly bounded by Center Spring Park, Main St., I-384 and Campfield Rd.	Manchester	2000-08-02	
5	CT	Hartford	Manchester Historic District (Boundary Increase)	Roughly bounded by E. Center, Harrison, Norman, Charter Oak, Main and Cottage Sts.	Manchester	2001-08-17	
6	CT	Hartford	Pitkin Glassworks Ruin	Address Restricted	Manchester	1979-04-09	
7	CT	Hartford	Union Village Historic District	Roughly bounded by Union Pond, Oakland St., RR Right of Way, Marble St., Hockanum R.	Manchester	2002-08-06	
8	CT	Hartford	US Post Office-- Manchester Main	479 Main St. at Center St.	Manchester	1986-01-21	
9	CT	Hartford	Woodbridge	495 Middle	Manchester	1999-08-	

			Farmstead	Turnpike East		05	
--	--	--	------------------	---------------	--	----	--

Page 1



NT SUBMISSION PACKET – FCC FORM 620

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

Attachment 9. Historic Properties Identified in the APE for Direct Effects

- a. List all properties identified in Attachment 8a or 8b that are within the APE for direct effects.

Based on Heritage Consultant's review of files at the Connecticut Historical Commission on October 20, 2006, no Historic Properties were identified within the APE for direct effects.

- b. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for direct effects, not listed in Attachment 9a, that the Applicant considers to be eligible for listing in the National Register as a result of the Applicant's research. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63). For each property that was specifically considered and determined not to be eligible, describe why it does not satisfy the criteria of eligibility.

No additional Historic Properties have been identified.

- c. Describe the techniques and the methodology, including any field survey, used to identify historic properties within the APE for direct effects.⁸ If no archeological field survey was performed, provide a report substantiating that: i) the depth of previous disturbance exceeds the proposed construction depth (excluding footings and other anchoring mechanisms) by at least 2 feet; or, ii) geomorphological evidence indicates that cultural resource-bearing soils do not occur within the project area or may occur but at depths that exceed 2 feet below the proposed construction depth.⁹

EBI contracted Heritage Consultants to perform an evaluation of the proposed Project Site for the likelihood of containing archaeological resources. The evaluation for archaeological resources included a walkover field survey by a qualified archaeologist, in addition to shovel tests, a review of project plans, and an evaluation of land features and documented historic and archaeological sites in the vicinity to determine the likelihood of resources being present in areas to be disturbed by Optasite. Please see the attached Report documenting the findings of this project review by a qualified archaeologist. This report concludes that "no evidence of cultural features was identified within the excavated shovel tests, and no cultural material, either prehistoric or historic in origin, was recovered. Since no cultural material was identified during the survey and no impacts to cultural resources are anticipated, no additional fieldwork is recommended."

⁸ Pursuant to Section VI.D.2.a. of the Nationwide Agreement, Applicants shall make a reasonable and good faith effort to identify above ground and archeological historic properties, including buildings, structures, and historic districts, that lie within the APE for direct effects. Such reasonable and good faith efforts may include a field survey where appropriate.

⁹ Under Section VI.D.2.d. of the Nationwide Agreement, an archeological field survey is required even if none of these conditions applies, if an Indian tribe or NHO provides evidence that supports a high probability of the presence of intact archeological Historic Properties within the APE for direct effects.