

PETITION NO. 1096

March 17, 2014

VIA OVERNIGHT DELIVERY

Hon. Robert Stein, Chairman
and Members of the Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051



Re: New Cingular Wireless PCS, LLC ("AT&T")
Petition for a Declaratory Ruling
1270 North High Street, East Haven, Connecticut

Dear Chairman Stein and Members of the Council:

On behalf of New Cingular Wireless PCS, LLC (AT&T), we respectfully enclose an original and (15) fifteen copies of a Petition for a Declaratory Ruling that no Certificate of Environmental Compatibility and Public Need is required for a proposed rooftop wireless communications facility on the existing building located at 1270 North High Street, East Haven, Connecticut.

Accompanying the Petition please find four copies of the Structural Analysis prepared by the Hudson Design Group, LLC. A check payable to the "Connecticut Siting Council" in the amount of \$625.00, representing the filing fee is also enclosed.

Should the Council or Staff have any questions about this matter please do not hesitate to contact me.

Very truly yours,


Lucia Chiochio

cc: Joseph Maturo Jr., Mayor of East Haven
Michele Briggs, AT&T
David Osuch, SAI
Jonathan McNeal, SAI
Christopher B. Fisher, Esq.

CONNECTICUT SITING COU

PETITION OF NEW CINGULAR)
WIRELESS PCS, LLC (AT&T) TO THE)
CONNECTICUT SITING COUNCIL FOR A)
DECLARATORY RULING THAT NO)
CERTIFICATE OF ENVIRONMENTAL)
COMPATIBILITY AND PUBLIC NEED IS)
REQUIRED FOR A PROPOSED ROOFTOP)
TOWER ON THE EXISTING BUILDING)
LOCATED AT 1270 NORTH HIGH)
STREET, EAST HAVEN, CONNECTICUT)

PETITION NO.

March 17, 2014

ORIGINAL

RECEIVED
MAR 18 2014

CONNECTICUT
SITING COUNCIL

**PETITION FOR DECLARATORY RULING TO
INSTALL A ROOFTOP TOWER ON THE EXISTING
BUILDING LOCATED AT
1270 NORTH HIGH STREET, EAST HAVEN, CONNECTICUT**

I. Introduction

New Cingular Wireless PCS, LLC (“AT&T”), the “Petitioner”, hereby petitions the Connecticut Siting Council (“Council”) pursuant to Sections 16-50j-38 and 16-50j-39 of the Regulations of Connecticut State Agencies (“R.C.S.A.”) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need (“Certificate”) is required to install a tower on the rooftop of the existing building located at 1270 North High Street, East Haven, Connecticut (the “Site”) with associated unmanned equipment within the existing building and an emergency back-up generator at grade.

II. Existing Site

The Site is an approximately 9.1 acre parcel improved with a four-story senior living apartment building approximately 10,000 square feet in size and an associated parking area. The balance of the property is wooded. The surrounding area is characterized by mostly single family

homes. Areas in the immediate vicinity mainly consist of medium and high density single family residential development with several commercial areas within two (2) miles of the Site.

III. Proposed AT&T Installation

AT&T is licensed by the Federal Communications Commission (“FCC”) to provide wireless services in this area of the State of Connecticut. AT&T proposes to install a 45’ tall guyed tower on the rooftop of the existing apartment building so that the top of the proposed guyed tower would be at approximately 77’ above grade level (“AGL”). AT&T will mount twelve (12) panel antennas at a centerline height of approximately 71’ AGL along with twenty-one (21) remote radio head (“RRH”) units behind the antennas and four (4) surge protectors. Associated unmanned equipment will be located in an equipment room on the top floor inside the existing building. Additionally AT&T proposes to install an emergency backup power generator on a concrete pad at grade, near the existing first floor mechanical room. The generator will be fueled by natural gas from an existing service line. The existing site access from North High Street will be used for access to AT&T’s proposed facility. AT&T’s proposed facility is detailed in the drawings included as Attachment A prepared by Hudson Design Group, last revised March 3, 2014, which include an abutters plan, roof plan, elevations and details and other aspects of proposed facility. An aerial photo and topographic map are also provided in Attachment A. Annexed hereto as Attachment B is a Structural report dated December 2, 2013, prepared by Hudson Design Group LLC, concluding that the existing building can support AT&T’s proposed facility.¹

IV. The Proposed Facility Will Not Have a Substantial Adverse Environmental Effect

A comparison of existing and proposed conditions reveals no substantial adverse environmental impacts associated with the proposed rooftop guyed tower.

¹ Please note that due to its large size the full structural report with calculations is being bulk filed along with this Petition.

A. Minimal Physical Impact

AT&T's proposed guyed tower will not result in any additional disturbance to the site as it will be located on the rooftop of the existing apartment building. In addition, AT&T's unmanned equipment will be located within the existing building. Further, AT&T's proposed emergency backup generator will be located in an area near an existing backup generator at grade. Existing access to the site will be utilized and no trees will be removed to develop the facility.

B. Compliance with MPE Limits

The operation of AT&T's antennas will not increase the total radio frequency electromagnetic power density at the site to a level at or above applicable standards. A power density report is included in Attachment C. The total radio frequency power density will be well within standards adopted by the Connecticut Department of Environmental Protection as set forth in Section 22a-162 of the Connecticut General Statutes and the MPE limits established by the Federal Communications Commission.

C. Visibility

As demonstrated in the Visual Resource Evaluation Report included in Attachment D, the proposed guyed tower will have a *de minimus* visual impact on the surrounding area. The installation requires no FAA lighting or marking as per the TOWAIR report included in Attachment E. As demonstrated in the attached visual report, views of the proposed guyed tower will be limited and primarily seasonal. The visibility report concludes that year-round visibility of AT&T's proposed facility is limited to an approximately 1,200 linear foot section of Route 80 west of the site and that this area consists mainly of commercial development. The visibility

report also concludes that the proposed facility will not be visible from area schools, landmarks of historic significance or public parks. As such, AT&T respectfully submits that the visibility of the proposed 45' tall guyed tower is neither significant nor adverse for purposes of the Council's regulatory considerations in ruling on this petition for a declaratory ruling.

D. Wetlands

A Desktop Wetlands Inspection annexed as Attachment F indicates that AT&T's proposed rooftop facility is unlikely to have any effect on any wetland resources given the location of the tower on the roof, the placement of equipment inside the existing building and the emergency backup generator at grade located within the limits of the previously developed site. As indicated in the attached Desktop Wetlands Inspection, the Farm River is approximately 800+/- feet away, regulated soils are approximately 375' away and the nearest swale is located approximately 200' away from the proposed generator. Indeed, there are no other at grade improvements associated with AT&T's proposed facility but for the proposed natural gas generator at grade and any ground utilities. Soil erosion control measures and other best management practices will be established and maintained throughout the construction of the proposed facility.

V. Public Need

Annexed hereto in Attachment G are coverage maps for AT&T's network in this area of the State depicting existing coverage, coverage from the Facility as proposed and a map depicting existing and proposed coverage all in the 1900MHz and 700MHz spectrum.

As detailed in the annexed coverage maps in Attachment G, AT&T requires a new facility in this area of the State to provide its services to the public. The proposed Facility will

provide coverage along portions of State Highway 100 (North High Street), State Highway 80 (Foxon Road) as well as secondary and tertiary streets and to local homes and businesses thereon. As shown on the attached propagation plots, the proposed Facility will provide hand off to AT&T's existing facilities in the area including site CT5637 (building mount at 836 Foxon Road, East Haven).

As such, while the Council does not have to find a public need for the facility as part of a ruling on this Petition, it is respectfully submitted that the enclosed information fully demonstrates the need for the installation of the proposed facility to provide reliable wireless services to the public.

VI. Notice

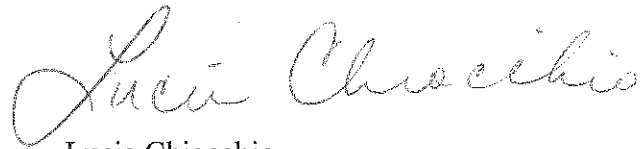
Pursuant to R.C.S.A. Section 16-50j-40(a), notice of AT&T's intent to file this petition was sent to each person appearing of record as an owner of property that abuts the site, as well as the appropriate municipal officials and government agencies as listed in Section 16-50e of the C.G.S. Certification of such notice, a copy of the notice and the list of property owners and municipal officials and government agencies to whom the notice was sent are included in Attachment H.

VII. Conclusion

As set forth above, the proposed AT&T rooftop tower and associated equipment within the existing building are wholly consistent with legislative findings outlined in Section 16-50g and 16-50aa of the General Statutes of Connecticut that seek to avoid the unnecessary proliferation of towers in the State. Further, there are no known adverse environmental effects associated with the project. Therefore and for all the foregoing reasons, AT&T petitions the

Connecticut Siting Council for a determination that the proposed wireless telecommunications facility does not require a Certificate of Environmental Compatibility and Public Need and that the Council issue an order approving same.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Lucia Chiocchio".

Lucia Chiocchio
On behalf of the Petitioner

cc: Joseph Maturo Jr., Mayor of East Haven
Michele Briggs, AT&T
David Osuch, SAI
Jonathan McNeal, SAI
Christopher B. Fisher, Esq.



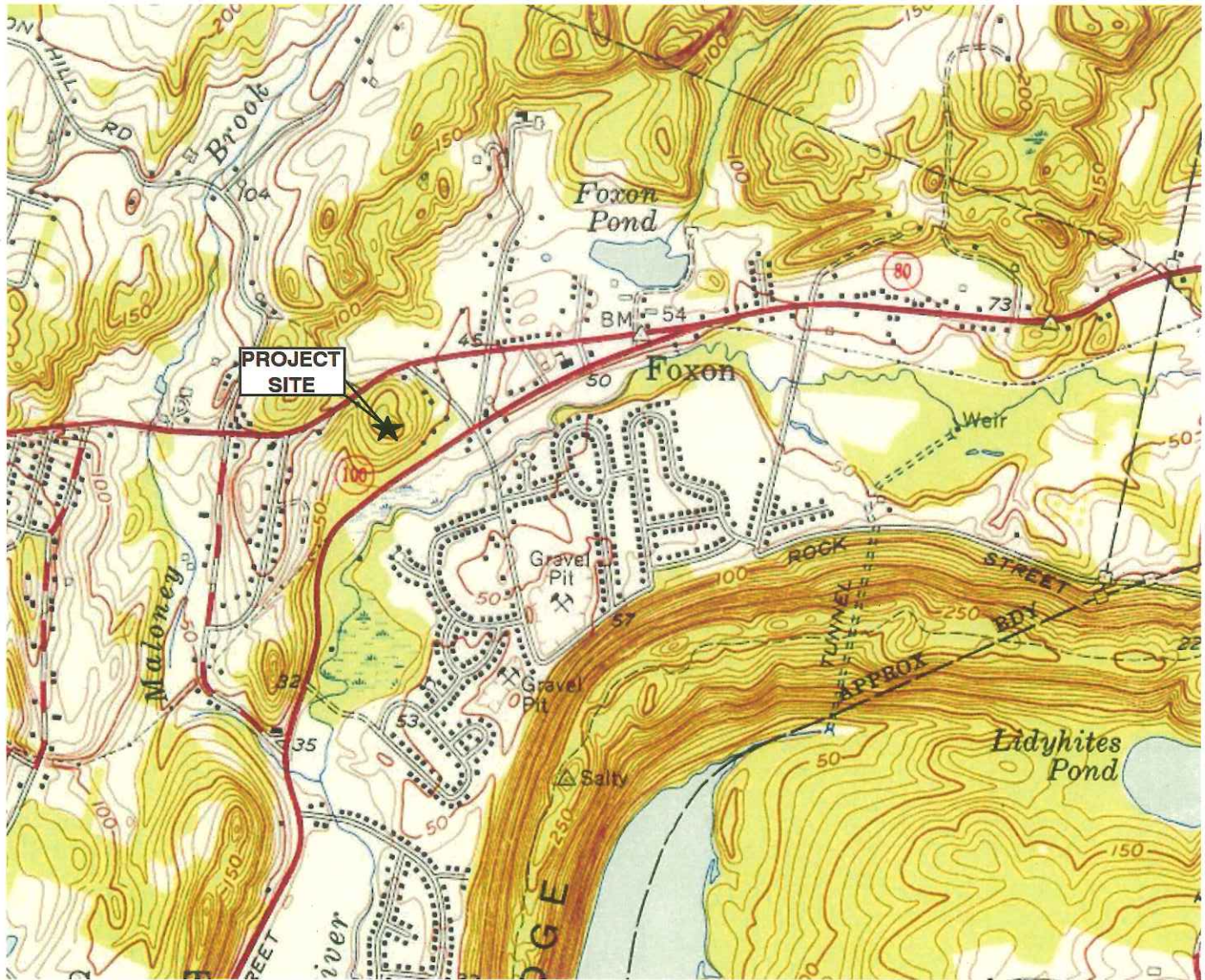
APPROX.
TRUE NORTH

AERIAL PLAN

NTS



<p>SITE NO: CT2437 SITE NAME: EAST HAVEN</p>	 <p>27 NORTHWESTERN DR SALEM, NH 03079</p>	 <p>550 COCHITUATE ROAD FRAMINGHAM, MA 01701</p>	<p>SITE TYPE: ROOFTOP GUYED TOWER</p>	<p>DATE: 02/26/14</p>
<p>ADDRESS: 1270 NORTH HIGH STREET EAST HAVEN, CT 06512</p>			<p>DRAWN BY: SB</p>	<p>SCALE: NTS</p>



TOPO PLAN
NTS

APPROX.
TRUE NORTH



SITE NO: CT2437
SITE NAME: EAST HAVEN

ADDRESS: 1270 NORTH HIGH STREET
EAST HAVEN, CT 06512



27 NORTHWESTERN DR
SALEM, NH 03079



550 COCHITUATE ROAD
FRAMINGHAM, MA 01701

SITE TYPE:
ROOFTOP
GUYED TOWER

DATE:
02/26/14

DRAWN BY:
SB

SCALE:
NTS



CT2437 EAST HAVEN

1270 NORTH HIGH ST
EAST HAVEN, CT 06512

SITE TYPE: ROOFTOP GUYED TOWER



500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067



27 NORTHWESTERN DR
SALEM, NH 03079



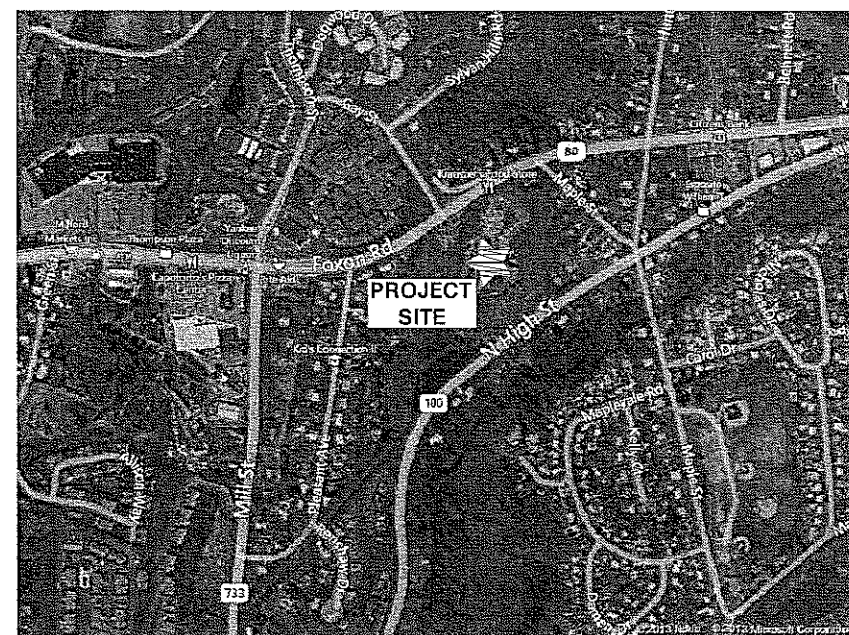
1600 OSGOOD STREET
BLD 20 N, SUITE 3090
N. ANDOVER, MA 01845
TEL: (978)-557-5553
FAX: (978)-336-5586

SHEET INDEX

SHEET	DESCRIPTION	REV.
T-1	TITLE SHEET	1
C-1	ABUTTERS PLAN	1
A-1	ROOF PLAN	1
A-2	ELEVATION	1
A-3	ELEVATION	1
A-4	DETAILS	1

VICINITY MAP

NOT TO SCALE



DRIVING DIRECTIONS

DIRECTIONS TO SITE:
FROM ROCKY HILL, CT:

DEPART ENTERPRISE DR TOWARD CAPITOL BLVD. 0.3 MI. TURN LEFT ONTO CAPITOL BLVD. 0.2 MI. TURN LEFT ONTO WEST ST. 0.3 MI. TAKE RAMP LEFT FOR I-91 S. 26.4 MI. AT EXIT 8, TAKE RAMP RIGHT FOR MIDDLETOWN AVE TOWARD NORTH BRANFORD. 0.3 MI. TURN LEFT ONTO CT-80 / MIDDLETOWN AVE. 2.1 MI. BEAR RIGHT ONTO MAPLE ST. 0.2 MI. TURN RIGHT ONTO CT-100 / N HIGH ST 0.2 MI. ARRIVE AT ENTRANCE TO SITE ON THE RIGHT.

PROJECT DESCRIPTION

1. THIS IS AN UNMANNED AND RESTRICTED ACCESS EQUIPMENT SITE AND WILL BE USED FOR THE TRANSMISSION OF RADIO SIGNALS FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE.
2. THIS FACILITY WILL CONSUME NO UNRECOVERABLE ENERGY.
3. NO POTABLE WATER SUPPLY IS TO BE PROVIDED AT THIS LOCATION.
4. NO WASTE WATER WILL BE GENERATED AT THIS LOCATION.
5. NO SOLID WASTE WILL BE GENERATED AT THIS LOCATION.
6. AT&T MAINTENANCE CREW (TYPICALLY ONE PERSON) WILL MAKE AN AVERAGE OF ONE TRIP PER MONTH AT ONE HOUR PER VISIT.

LICENSED ENGINEER DATE

REVISIONS

REV. #	DATE	DESCRIPTION
1	03/03/13	ISSUED FOR PERMITTING
A	01/06/13	ISSUED FOR REVIEW

PROJECT NO.	DESIGNED BY:	SCALE:
CT2437	AT	AS SHOWN
	DRAWN BY: SB	
	CHECKED BY: DPH	

SITE NAME:
**CT2437
EAST HAVEN**

SITE ADDRESS:
1270 NORTH HIGH ST
EAST HAVEN, CT 06512

SHEET TITLE:
TITLE SHEET

SHEET NO.:
T-1

DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE PROJECT OWNER'S REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

3 WORKING DAYS



BEFORE YOU DIG



CALL TOLL FREE 1-800-922-4455

UNDERGROUND SERVICE ALERT

PROJECT INFORMATION:

PROPERTY OWNER: WOODVIEW ASSOCIATES
1270 NORTH HIGH ST
EAST HAVEN, CT 06512

APPLICANT: AT&T
500 ENTERPRISE DR
ROCKY HILL, CT 06067

SITE ADDRESS: 1270 NORTH HIGH ST
EAST HAVEN, CT 06512

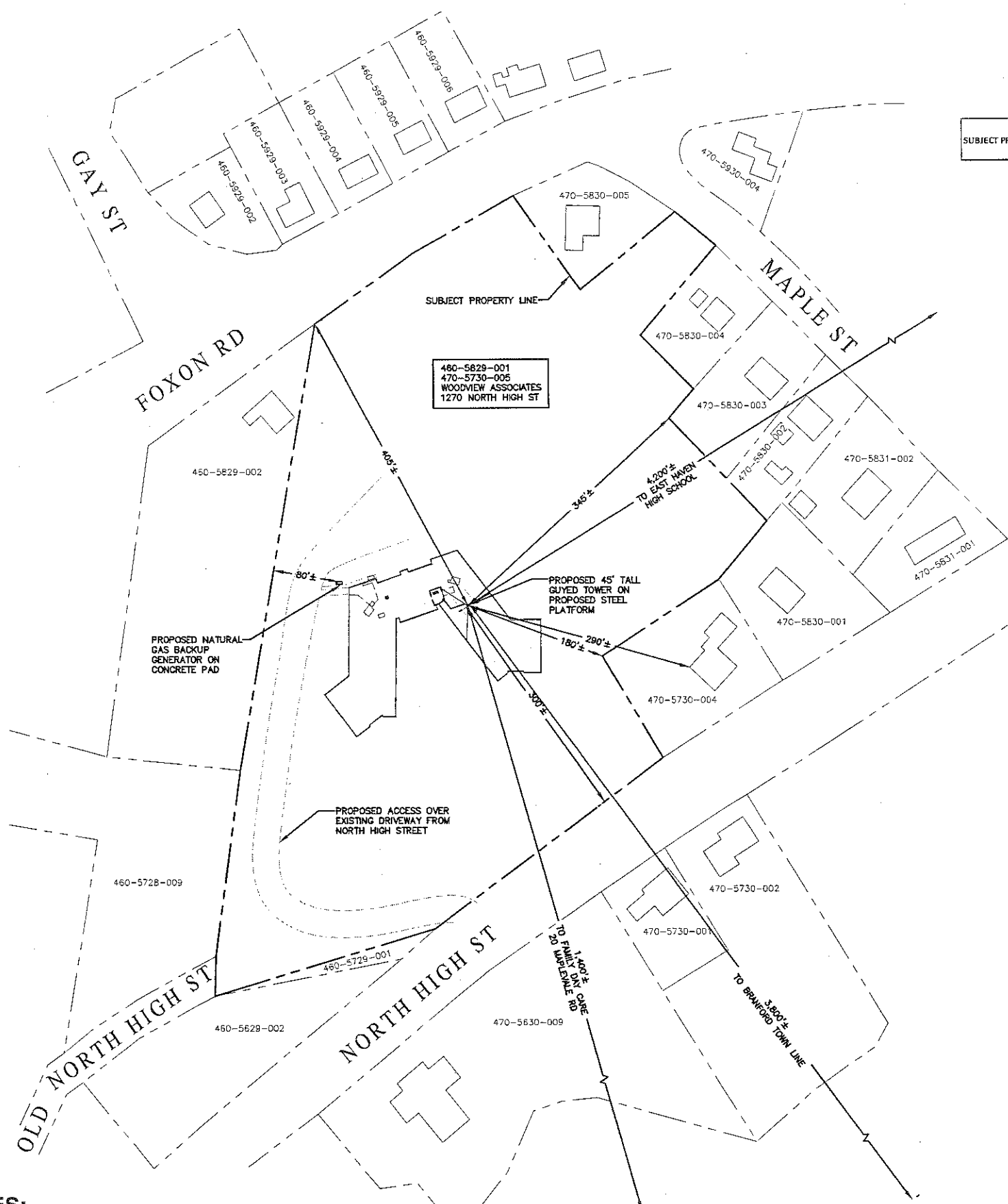
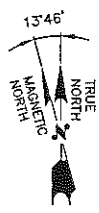
COUNTY: NEW HAVEN

LATITUDE: N 41° 19' 19.0"

LONGITUDE: W 72° 50' 45.8"

PARCEL ID: 460-5829-001 & 470-5730-005

ARCHITECT / ENGINEER: HUDSON DESIGN GROUP LLC
1600 OSGOOD STREET
BUILDING 20 NORTH, SUITE 3090
N. ANDOVER, MA 01845



- NOTES:**
1. PLAN BASED ON TOWN OF EAST HAVEN ASSESSORS INFORMATION.
 2. A FIELD SURVEY WAS NOT PERFORMED BY HUDSON DESIGN GROUP, LLC.

ABUTTERS PLAN
SCALE: 1" = 80'



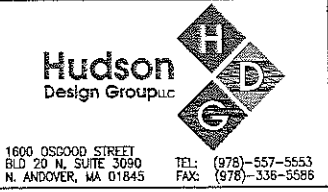
ABUTTERS LIST:

	OWNER	ASSESSOR'S PARCEL NUMBER OF PROPERTY PROPERTY ADDRESS	OWNER'S MAILING ADDRESS
SUBJECT PROPERTY	WOODVIEW ASSOCIATES	460-5829-001 and 470-5730-005 1270 NORTH HIGH STREET EAST HAVEN, CT 06512	1270 NORTH HIGH STREET EAST HAVEN, CT 06512
	GIANOTTI, ROBBIN & HOWARD & SURV	460-5629-002 1218 NORTH HIGH STREET EAST HAVEN, CT 06512	1270 NORTH HIGH STREET EAST HAVEN, CT 06512
	THEROUX, LIZABETH	460-5728-009 1230 NORTH HIGH STREET EAST HAVEN, CT 06512	103 PLEASANT AVENUE EAST HAVEN, CT 06512
	CUOMO, ANTHONY J	460-5729-001 1268 NORTH HIGH STREET EAST HAVEN, CT 06512	61 RANCH ROAD HAMDEN, CT 06517
	BASTI, JONATHAN S & MEGAN S & SURV	470-5730-004 1286 NORTH HIGH ST EAST HAVEN, CT 06512	1286 NORTH HIGH ST EAST HAVEN, CT 06512
	ROJAS, CYNTHIA WANDA	470-5830-001 1292 NORTH HIGH STREET EAST HAVEN, CT 06512	1292 NORTH HIGH STREET EAST HAVEN, CT 06512
	GLADSTONE, DOUGLAS B	470-5830-002 198 MAPLE STREET EASE HAVEN, CT 06512	198 MAPLE STREET EASE HAVEN, CT 06512
	GALLAGHER, CHARLES P & CAROL R & SURV	470-5830-003 204 MAPLE STREET EAST HAVEN, CT 06512	204 MAPLE STREET EAST HAVEN, CT 06512
	CORDOVA, TIMOTHY D & RAE ANN & SURV	470-5830-004 210 MAPLE STREET EAST HAVEN, CT 06512	210 MAPLE STREET EAST HAVEN, CT 06512
	SAMPERI, MARIA	470-5830-005 222 MAPLE STREET EAST HAVEN, CT 06512	222 MAPLE STREET EAST HAVEN, CT 06512
	SICHA, NANCY	460-5829-002 580 FOXON RD EAST HAVEN, CT 06512	580 FOXON RD EAST HAVEN, CT 06512
	EAST HAVEN COMMUNITY CHURCH	470-5830-009 1225 NORTH HIGH STREET EAST HAVEN, CT 06512	1225 NORTH HIGH STREET EAST HAVEN, CT 06512
	PHERSON, WILLIAM H & DONNA L R TO SV W WC	470-5730-001 1281 NORTH HIGH STREET EAST HAVEN, CT 06512	1281 NORTH HIGH STREET EAST HAVEN, CT 06512
	ESPOSITO, FRANK J SR & NORMA TRUSTEE OF ESPOSITO FAMILY LIV TR	470-5730-002 1285 NORTH HIGH STREET EASE HAVEN, CT 06512	1285 NORTH HIGH STREET EASE HAVEN, CT 06512
	LAPORTE, MICHAEL E & REBECCA L	470-5830-004 215 MAPLE STREET EAST HAVEN, CT 06512	215 MAPLE STREET EAST HAVEN, CT 06512
	MOGOVENY, HARRY W & SARAH E & SURV	460-5929-003 531 FOXON ROAD EAST HAVEN, CT 06512	531 FOXON ROAD EAST HAVEN, CT 06512
	MAILETT, MARIE C & RAYMOND & SV	460-5929-004 527 FOXON ROAD EAST HAVEN, CT 06512	527 FOXON ROAD EAST HAVEN, CT 06512
	ARMINIO, JOSEPH & FRANCO, GLENDY & SV	460-5929-005 523 FOXON ROAD EAST HAVEN, CT 06512	523 FOXON ROAD EAST HAVEN, CT 06512
	PANTALENA, FRANK M & VICTORIA A & SV	460-5929-006 519 FOXON ROAD EAST HAVEN, CT 06512	519 FOXON ROAD EAST HAVEN, CT 06512
	VAAZQUEZ, BERBARE JR	470-5831-001 1300 NORTH HIGH STREET EAST HAVEN, CT 06512	1300 NORTH HIGH STREET EAST HAVEN, CT 06512
	SAMUEL, KYLE	470-5831-002 188 MAPLE STREET EAST HAVEN, CT 06512	188 MAPLE STREET EAST HAVEN, CT 06512
	SOUTH CENTRAL CONN REGIONAL WATER AUTHORITY	460-5929-002 539 FOXON ROAD EAST HAVEN, CT 06512	539 FOXON ROAD EAST HAVEN, CT 06512

- THERE ARE APPROXIMATELY 85 HOMES THAT FALL WITHIN OR PARTIALLY WITHIN THE 1000' TOWER RADIUS
- DISTANCE TO NEAREST RESIDENCE: 290'± (1286 NORTH HIGH).
 - DISTANCE TO NEAREST SCHOOL: 4200'± (EAST HAVEN HIGH SCHOOL)
 - DISTANCE TO NEAREST DAY-CARE FACILITY: 1,400'± (20 MAPLEVALE RD)

LEGEND

	PROPERTY LINE
	ABUTTING PROPERTY LINE
	EXIST. CONTOUR LINE
	PROP. CONTOUR LINE
	PROP. CHAIN LINK FENCE
	EXIST. TREE LINE
	PROP. EASEMENT
	PROP. OVERHEAD UTILITIES
	PROP. UNDERGROUND UTILITIES



LICENSED ENGINEER _____ DATE _____

REVISIONS

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A	01/06/13	ISSUED FOR REVIEW

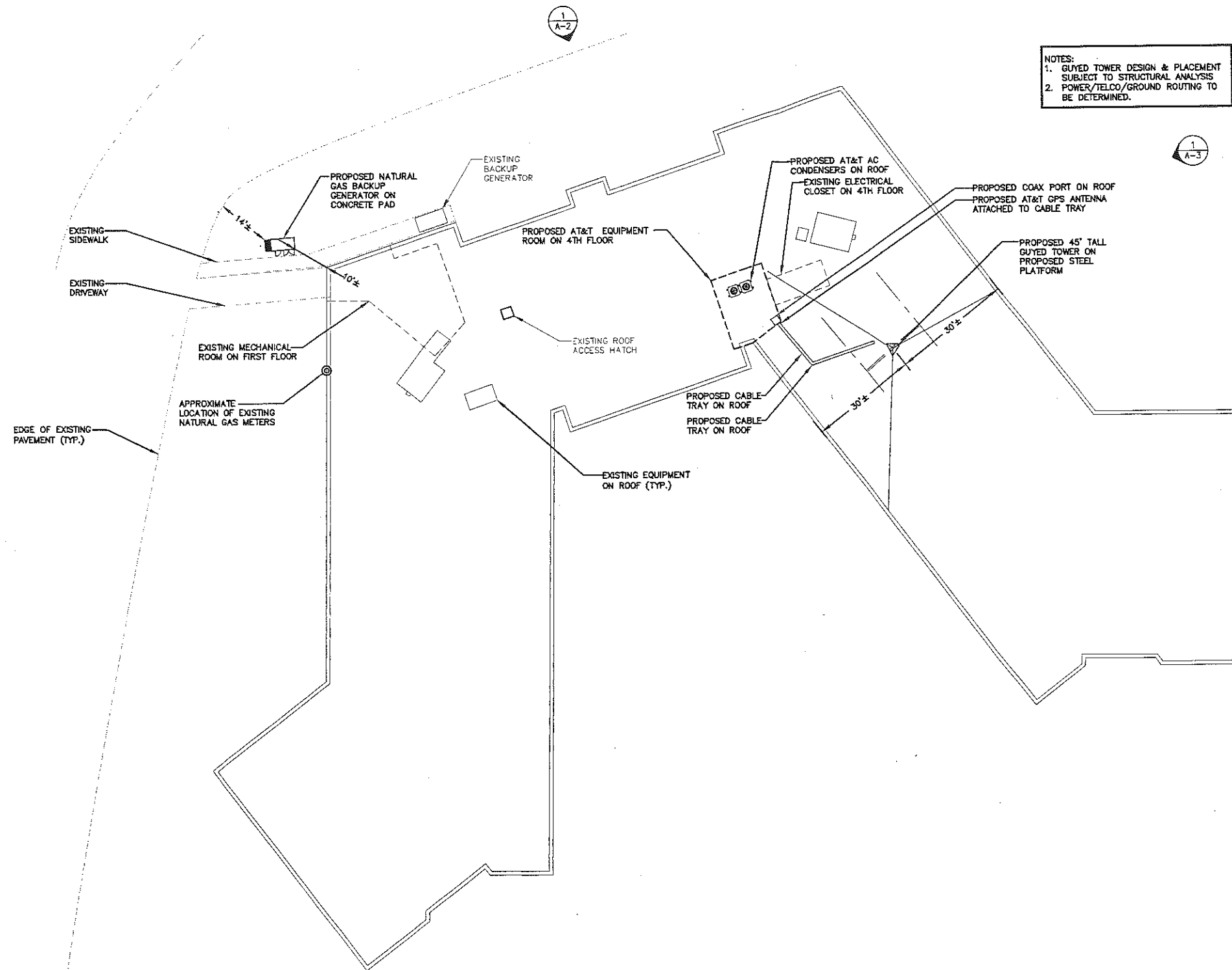
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DESIGNED BY: AT
DRAWN BY: SB
CHECKED BY: DPH
SCALE: AS SHOWN

SITE NAME:
**CT2437
EAST HAVEN**

SITE ADDRESS:
1270 NORTH HIGH ST
EAST HAVEN, CT 06512

SHEET TITLE:
ABUTTERS PLAN

SHEET NO:
C-1



NOTES:
 1. GUYED TOWER DESIGN & PLACEMENT SUBJECT TO STRUCTURAL ANALYSIS
 2. POWER/TELCO/GROUND ROUTING TO BE DETERMINED.

ROOF PLAN
 SCALE: 1/16" = 1'-0"



at&t
 500 ENTERPRISE DRIVE
 ROCKY HILL, CT 06067

SAI
 27 NORTHWESTERN DR
 SALEM, NH 03079

Hudson Design Group LLC
 1600 OSGOOD STREET
 BLD 20 N, SUITE 3090
 N. ANDOVER, MA 01845
 TEL: (978)-557-5553
 FAX: (978)-336-5586

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SITE NAME:
**CT2437
 EAST HAVEN**

SITE ADDRESS:
 1270 NORTH HIGH ST
 EAST HAVEN, CT 06512

SHEET TITLE:
ROOF PLAN

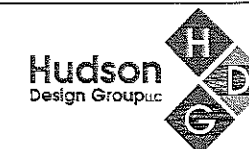
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A-1



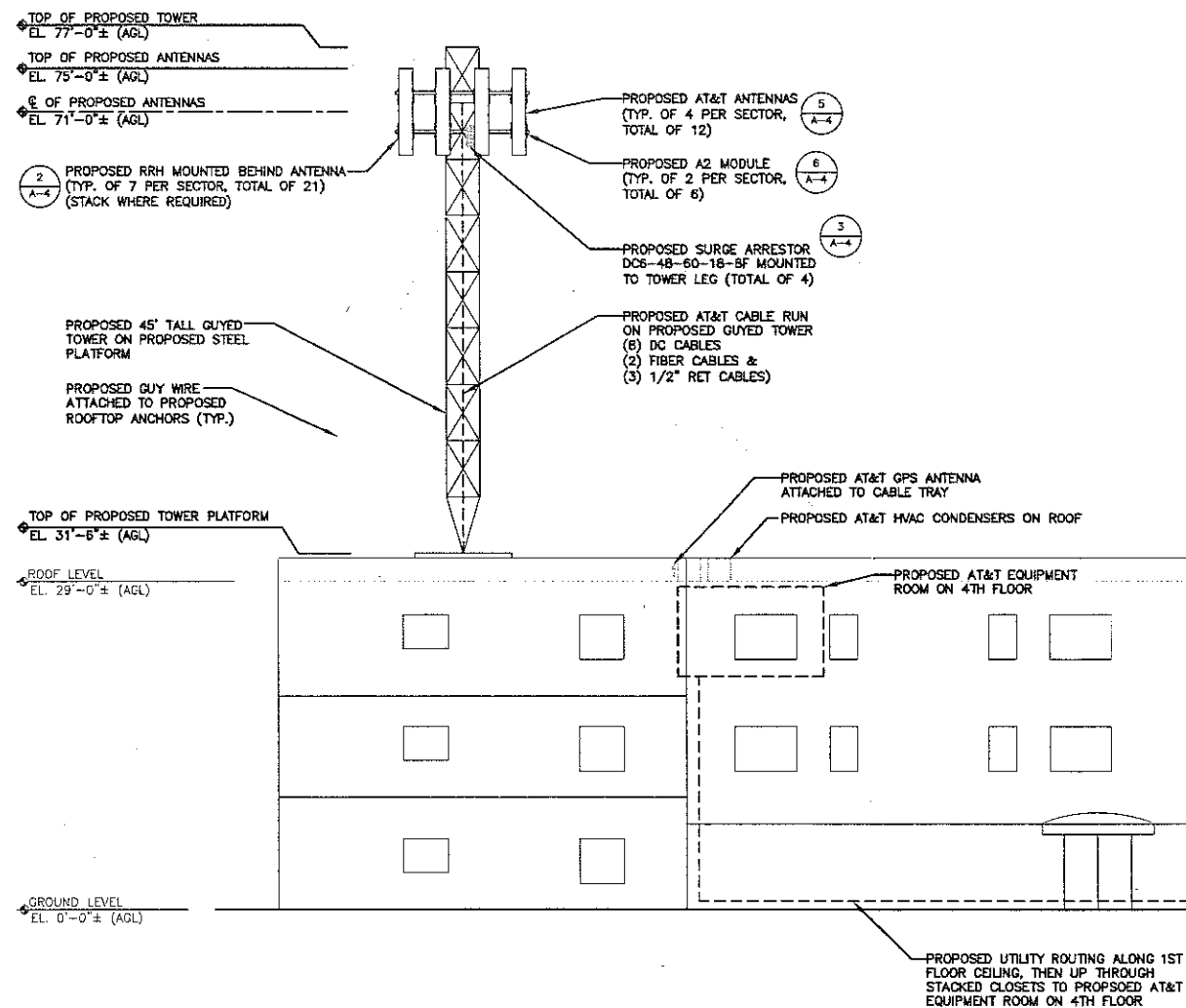
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067



27 NORTHWESTERN DR
SALEM, NH 03079



1600 OSGOOD STREET
BLD 20 N, SUITE 3090
N. ANDOVER, MA 01845
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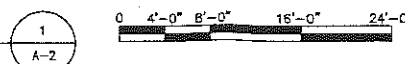
SITE ADDRESS:
1270 NORTH HIGH ST
EAST HAVEN, CT 06512

SHEET TITLE:
ELEVATION

SHEET NO:
A-2

NORTHWEST ELEVATION

SCALE: 1/8" = 1'-0"





500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067



27 NORTHWESTERN DR
SALEM, NH 03079



1600 OSGOOD STREET
BLD 20 N, SUITE 3090
N. ANDOVER, MA 01845
TEL: (978)-557-5553
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SITE NAME:

CT2437
EAST HAVEN

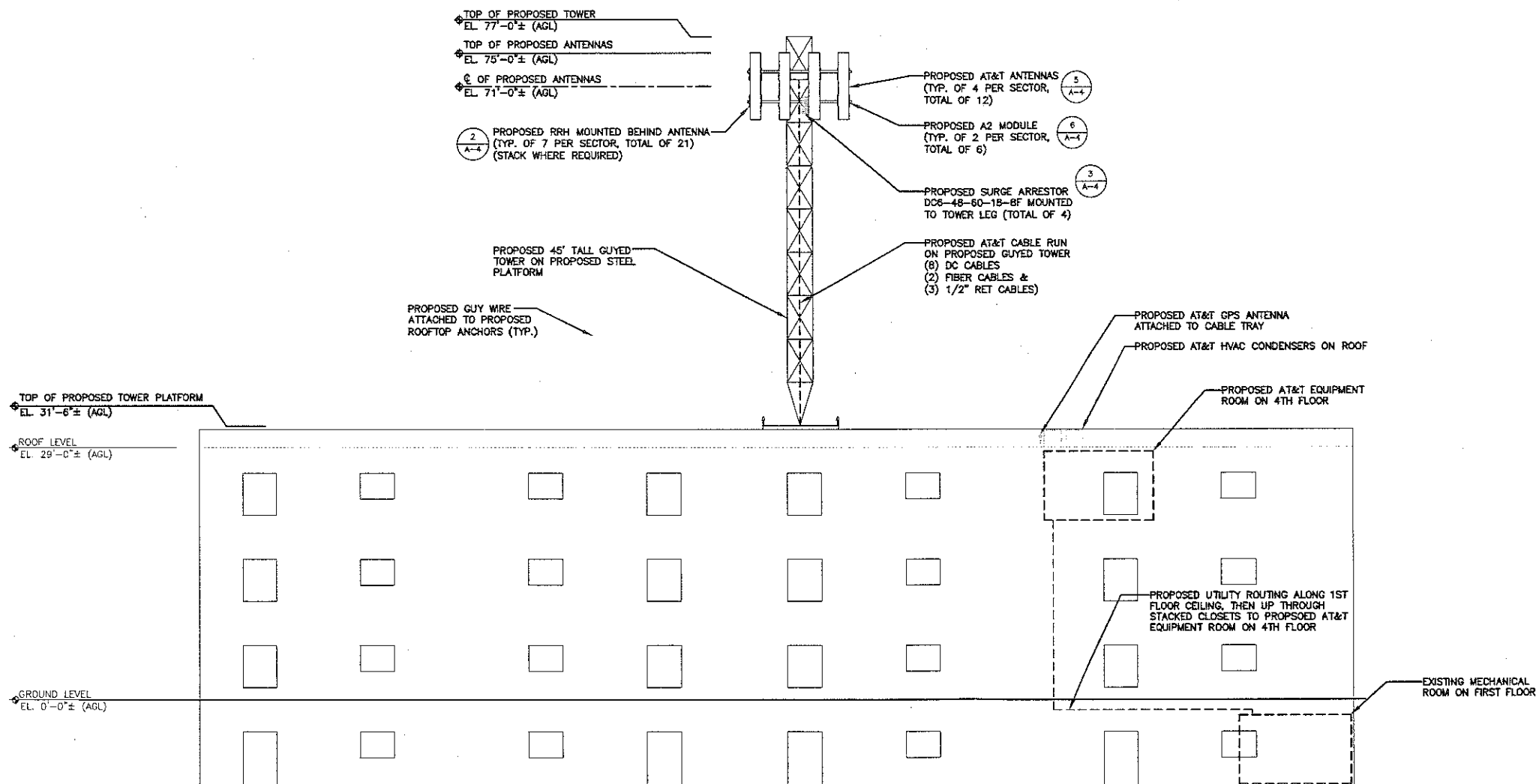
SITE ADDRESS:
1270 NORTH HIGH ST
EAST HAVEN, CT 06512

SHEET TITLE:

ELEVATION

SHEET NO:

A-3



NORTHEAST ELEVATION
SCALE: 1/8" = 1'-0"

1
A-3





500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067



27 NORTHWESTERN DR
SALEM, NH 03079



1600 OSGOOD STREET
BLD 20 N, SUITE 3080
N. ANDOVER, MA 01845
TEL: (978)-557-5553
FAX: (978)-336-5588

LICENSED ENGINEER DATE

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	DRWN BY: SB	
	CHECKED BY: DPH	

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**CT2437
EAST HAVEN**

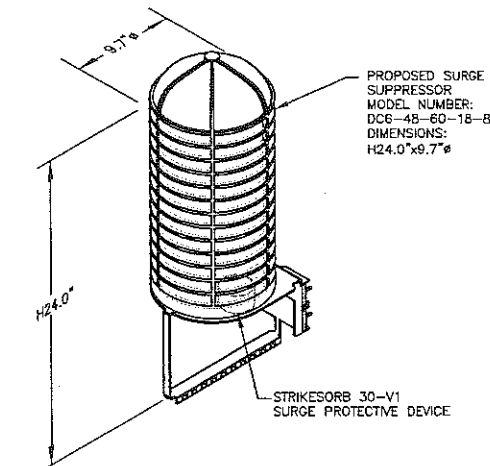
SITE ADDRESS:
1270 NORTH HIGH ST
EAST HAVEN, CT 06512

SHEET TITLE:
DETAILS

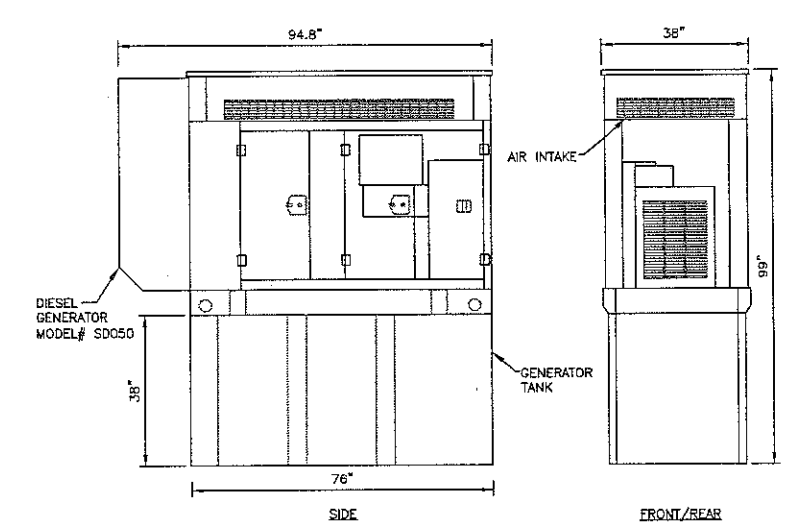
SHEET NO:
A-4

ERICSSON RRH TYPE ASSIGNMENT PER BAND

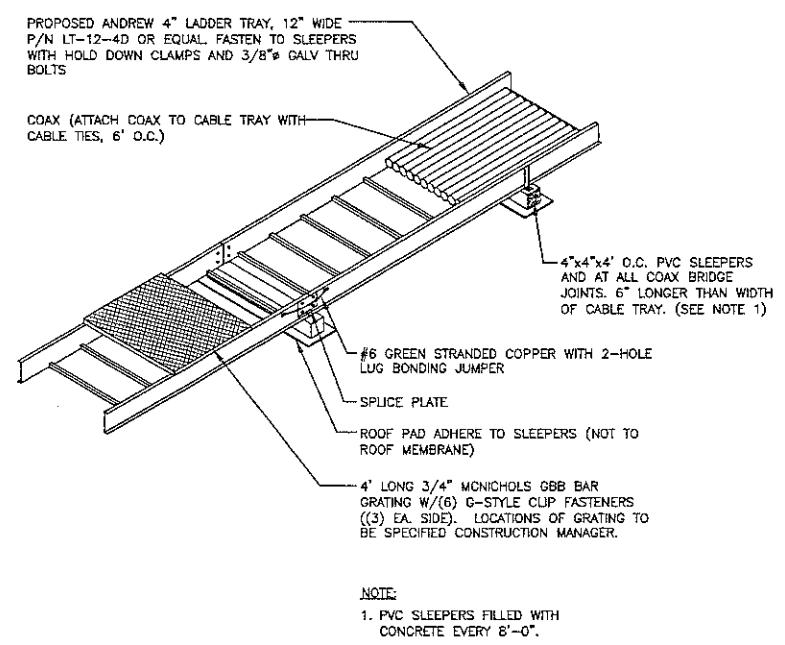
BAND	RRH TYPE/MODEL
700 BC	RRUS-11
700 DE	RRUS-E2
850	RRUS-11
PCS	RRUS-12+A2
AWS	IA BUILT IN
WCS	RRUS-32



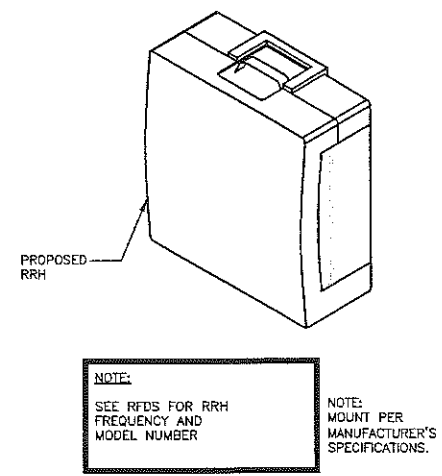
NOTE: MOUNT PER MANUFACTURER'S SPECIFICATIONS.
DC SURGE SUPPRESSOR DETAIL 3
SCALE: N.T.S. A-4



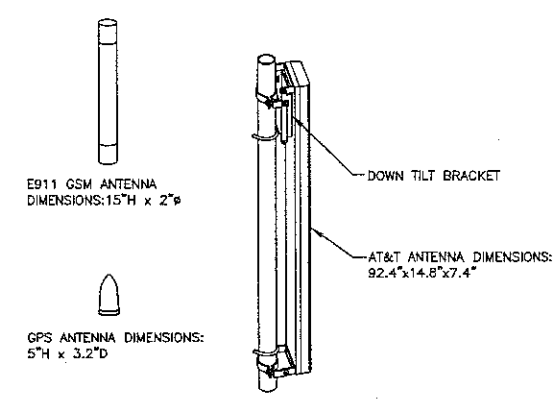
TYPICAL GENERATOR DETAIL 7
SCALE: N.T.S. A-4



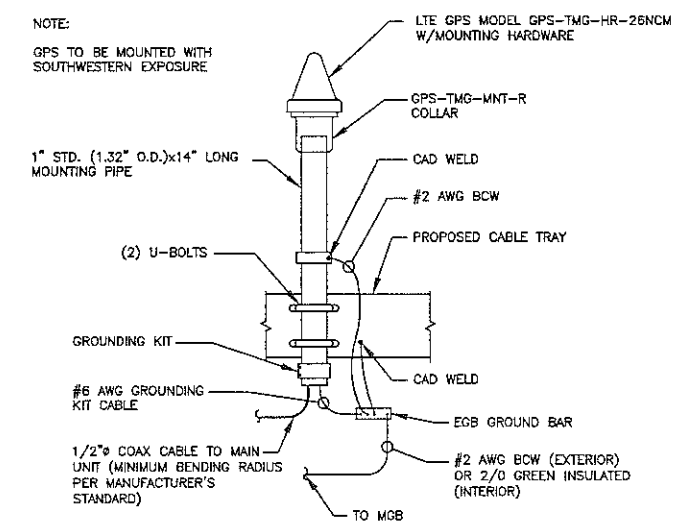
CABLE TRAY DETAILS 1
SCALE: N.T.S. A-4



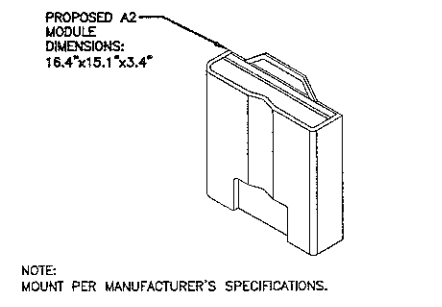
RRH DETAIL 2
SCALE: N.T.S. A-4



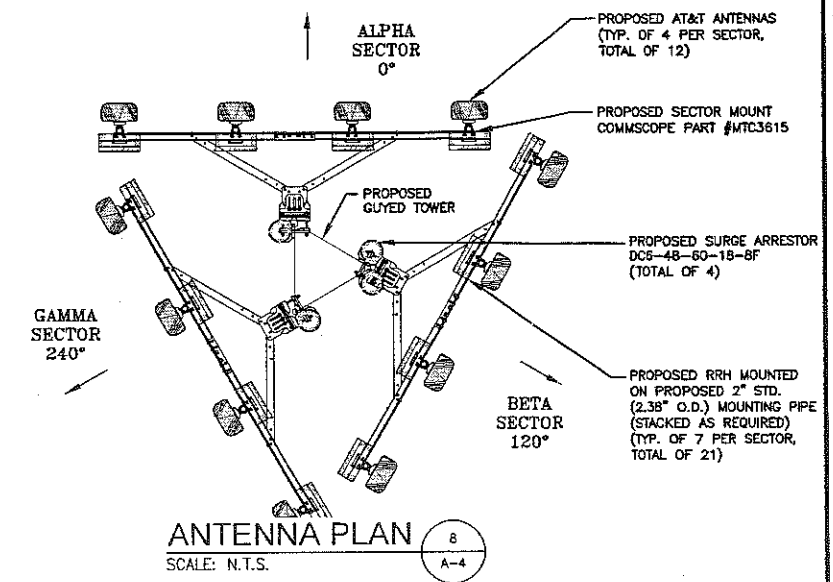
GPS/GSM & ANTENNA DETAIL 5
SCALE: N.T.S. A-4



GPS MOUNTING DETAIL 4
SCALE: N.T.S. A-4



A2 MODULE DETAIL 6
SCALE: N.T.S. A-4



ANTENNA PLAN 8
SCALE: N.T.S. A-4

STRUCTURAL ANALYSIS REPORT

For

CT 2437 (NSB)
EAST HAVEN – MILL STREET
1270 North High Street
East Haven, CT 06512

Proposed Guyed Tower Secured to the Existing Roof Structure



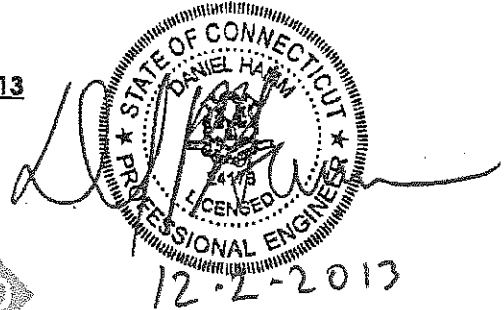
Prepared for:



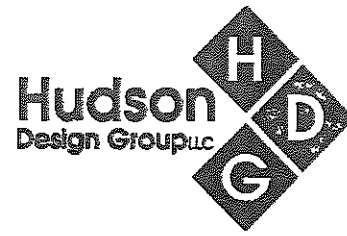
at&t

Dated: December 2, 2013

Prepared by:



1600 Osgood Street Building 20 North, Suite 3090
North Andover, MA 01845
Phone: (978) 557-5553
www.hudsondesigngroupllc.com



SCOPE OF WORK:

Hudson Design Group LLC (HDG) has been authorized by AT&T to conduct a structural evaluation of the building structure supporting a proposed Guyed Tower which supports the proposed AT&T antennas, RRH's and Surge Arrestor located in the areas depicted in the latest HDG's construction drawings.

This report represents a 3 part structural analysis:

- 1.) Guy Tower analysis determining that the proposed guyed tower is capable of supporting the proposed AT&T equipment.
- 2.) Platform Analysis determining the loading onto the four column stub-ups down to the building columns.
- 3.) Building Roof Structural Analysis determining the existing building columns have sufficient analysis to support the loading from the Roof Top Steel Platform.

This report represents this office's findings, conclusions and recommendations pertaining to the support of AT&T's proposed equipment.

This office conducted an on-site visual survey of the above areas on October 30, 2013. Attendees included Sergio Anastacio (HDG-Sr. Field Technician).

CONCLUSION SUMMARY:

Guyed Tower Analysis:

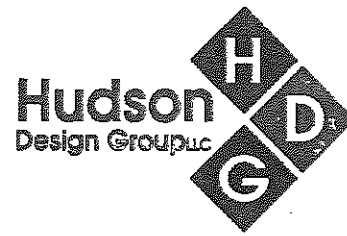
Based on our evaluation, we have determined that the proposed tower is in conformance with the ANSI/TIA-222-F Standard for the loading considered under the criteria listed in this report. The tower structure is rated at 80% - (Guy Wires at EL.63.82' Controlling).

Steel Platform Analysis:

Building plans prepared by Cuomo Associates dated 11/30/1976 were available and obtained for our reference. A limited visual survey of the structure was completed in or near the areas of the proposed work.

Based on our evaluation, HDG has confirmed that the existing structure IS CAPABLE of supporting the proposed guyed tower, proposed steel platform, and the proposed AT&T equipment with structural upgrades required to the building structure.

HDG recommends verifying building column locations and sizes prior to any equipment installation. Further investigation at existing column locations may be required in order to verify building columns. If field conditions differ from what is assumed in this report, then the engineer of record is to be notified as soon as possible. Further design and analysis may be required.



TOWER ANALYSIS SUMMARY:

APPURTENANCES CONFIGURATION:

Tenant	Appurtenances	Elev.	Mount
AT&T	(12) HPA-65R-BUU-H8 Antennas	71.25'	Valmont Mount
AT&T	(15) RRUs	71.25'	Valmont Mount
AT&T	(6) RRUs	69.25'	Valmont Mount
AT&T	(6) RRUs	67.25'	Valmont Mount
AT&T	(4) Surge Arrestor DC6-48-60-18-8F	67.25'	Valmont Mount

*Proposed AT&T Appurtenances shown in Bold.

**Elevations taken as height above ground level.

AT&T EXISTING/PROPOSED COAX CABLES:

Tenant	Coax Cables	Elev.	Mount
AT&T	(2) Fiber Cable	71.25'	Face of Tower
AT&T	(6) DC Power Cables	71.25'	Face of Tower

*Proposed AT&T Coax Cables shown in Bold.

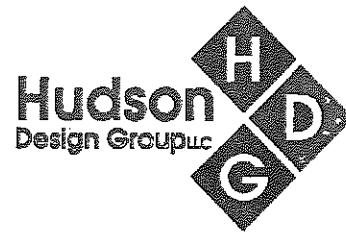
**Elevations taken as height above ground level.

ANALYSIS RESULTS SUMMARY:

Component	Max. Stress Ratio	Elev. of Component (ft)	Pass/Fail	Comments
Legs	24.4 %	56.25 - 76.25	PASS	
Diagonals	22.8 %	56.25 - 76.25	PASS	
Top Girt	10.1 %	31.25 - 36.25	PASS	
Bottom Girt	11.0 %	36.25 - 56.25	PASS	
Mid Girt	0.7 %	31.25 - 36.25	PASS	
Guy A	80 %	63.82	PASS	Controlling
Guy B	65.6 %	63.82	PASS	
Guy C	65.7%	63.82	PASS	
Top Guy Pull-Off	31.2 %	63.82	PASS	

*Elevations taken as height above ground level.

Referenced documents are attached.



DESIGN CRITERIA:

1. International Building Code 2003 with 2005 Connecticut Supplement with 2009 Amendments; ASCE 7-05 Minimum Design Loads for Buildings and Other Structures.

Wind Loading:

Approximate roof height above grade: 29'-3" +/-
 Basic Wind Speed: 95 MPH (includes 3-second gust)
 Exposure: C

Roof:

Ground Snow, Pg: 30 psf
 Importance Factor, I: 1.0 (Category II)
 Exposure Factor, Ce: 0.9 (Exposure B- Fully Exposed)
 Thermal Factor, Ct: 1.0
Calculated Flat Roof Snow Load: 30 psf (Pf=0.7*Ce*Ct*I*Pg)

2. EIA/TIA -222- F Structural Standards for Steel Antenna Towers and Antenna Supporting Structures

City/Town: East Haven
 County: New Haven
 Wind Load: 90 mph (fastest mile)
 110 mph (3 second gust)
 Nominal Ice Thickness: 1/2 inch

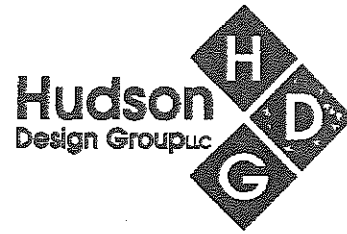
3. Approximate height above grade to proposed antennas: 71.25'

BUILDING ANALYSIS RESULTS SUMMARY (Vertical):

Max. Column Loading (K)	Allowable Column Loading	% Passing	Pass/Fail
Column G8 = 188.8	190 kips	1 %	PASS

ASSUMED THE COLUMNS TO BE W8x35 BY MINIMUM REQUIREMENTS

HDG recommends verifying building column locations and sizes prior to any equipment installation. Further investigation at existing column locations may be required in order to verify building columns. If field conditions differ from what is assumed in this report, then the engineer of record is to be notified as soon as possible. Further design and analysis may be required.



EXISTING ROOF CONSTRUCTION:

The roof construction consists of 4 ply felt and gravel adhered to 2 ½" of rigid insulation over a concrete slab supported by a system of open web steel bar joists, steel beams and steel columns.

PROPOSED GUYED TOWER/GUYED WIRE SUPPORT RECOMMENDATIONS:

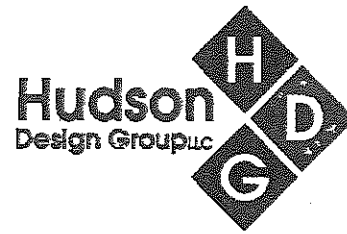
The proposed guyed tower is to be support by the proposed steel platform. The guyed wires from the tower are proposed to be supported at the existing column locations shown in the latest HDG drawings. Modifications to existing columns will be required in order to accommodate the proposed loading.

HDG recommends verifying building column locations and sizes prior to any equipment installation. Further investigation at existing column locations may be required in order to verify building columns. If field conditions differ from what is assumed in this report, then the engineer of record is to be notified as soon as possible. Further design and analysis may be required.

PROPOSED STEEL PLATFORM SUPPORT RECOMMENDATIONS:

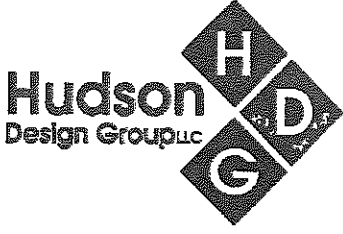
The proposed guyed tower to support the proposed AT&T equipment is secured and supported over 4 existing building columns. Relocate/remove existing roof obstructions as required.

HDG recommends verifying building column locations and sizes prior to any equipment installation. Further investigation at existing column locations may be required in order to verify building columns. If field conditions differ from what is assumed in this report, then the engineer of record is to be notified as soon as possible. Further design and analysis may be required.



Limitations and assumptions:

1. Material strength of the proposed structure are as follows:
 - Tower Legs (Pipes): $F_y=42$ ksi
 - Tower Diagonals (Pipes): $F_y=36$ ksi
 - Angles and Channels: $F_y=36$ ksi
2. The appurtenances configuration is as stated in this report. All antennas, coax cables and waveguide cables are assumed to be properly installed and supported as per the manufacturer requirements.
3. The support mounts and platforms are not analyzed and are considered adequate to support the loading. The analysis is limited to the primary support structure itself.
4. Reference the latest HDG construction drawings for all the equipment locations details.
5. HDG is not responsible for any modifications completed prior to and hereafter which HDG was not directly involved.
6. Mount all equipment per manufacturer's specifications.
7. All structural members and their connections are assumed to be in good condition and are free from defects with no deterioration to its member capacities.



PROPOSED GUYED TOWER/STEEL PLATFORM LOCATION:



Photo 1: Sample photo illustrating the approximate location of the proposed steel platform and proposed guyed tower

Daniel L. Goulet
 C Squared Systems, LLC
 65 Dartmouth Drive
 Auburn, NH 03032
 603-644-2800
 Dan.Goulet@csquaredsystems.com



February 21, 2014

Connecticut Siting Council

Subject: New Cingular Wireless PCS, LLC ("AT&T") – CT2437SB - 1270 North High Street, East Haven, CT

Dear Connecticut Siting Council:

C Squared Systems has been retained by New Cingular Wireless PCS, LLC ("AT&T") to investigate RF Power Density levels for the AT&T antenna arrays, to be installed on a roof-mounted guyed tower, located at 1270 North High Street in East Haven, CT.

Calculations were done in accordance with FCC OET Bulletin 65. These worst-case calculations assume that all transmitters are simultaneously operating at full power and that there is 0 dB of cable loss. The calculation point is 6 feet above ground level to model the RF power density at the head of a person standing at the base of the tower.

Due to the directional nature of the proposed AT&T antennas, the majority of the RF power is focused out towards the horizon. As a result, there will be less RF power directed below the antennas relative to the horizon, and consequently lower power density levels around the base of the tower. Please refer to the Attachment for the vertical patterns of the proposed AT&T antennas. The calculated results below include a nominal 10 dB off-beam pattern loss to account for the lower relative gain directly below the antennas.

Location	Carrier	Vertical Distance to Antenna (Ft.)	Operating Frequency (MHz)	Number of Trans.	Effective Radiated Power (ERP) Per Transmitter (Watts)	Power Density (mw/cm ²)	Limit	%MPE
Ground Level	AT&T UMTS	71	880	1	1028	0.0088	0.5867	1.49%
	AT&T UMTS	71	1900	1	1265	0.0108	1.0000	1.08%
	AT&T LTE	71	710	2	1254	0.0214	0.4733	4.51%
	AT&T LTE	71	880	1	1543	0.0131	0.5867	2.24%
	AT&T LTE	71	1900	2	1897	0.0323	1.0000	3.23%
	AT&T LTE	71	2300	1	2179	0.0186	1.0000	1.86%
Total								14.41%

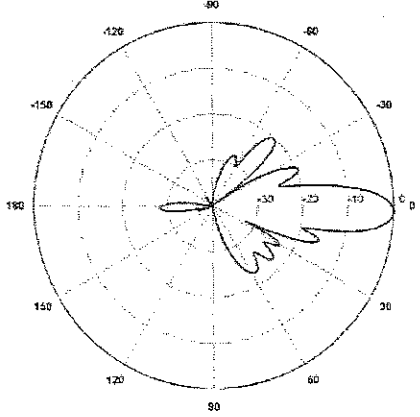
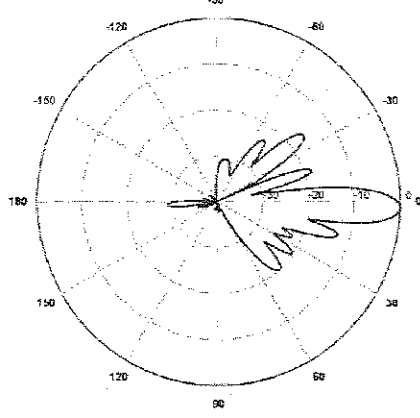
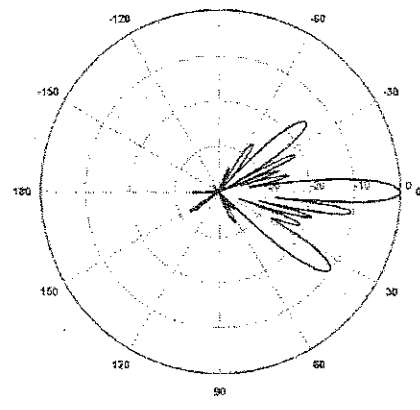
Summary: Under worst-case assumptions, RF Power Density levels for the proposed AT&T antenna arrays will not exceed 14.41%¹ of the FCC MPE limit for General Public/Uncontrolled Environments.

Sincerely,

Daniel L. Goulet
 C Squared Systems, LLC

¹ The total %MPE is a summation of each unrounded contribution. Therefore, summing each rounded value may not reflect the total value listed in the table.

Attachment: AT&T's Antenna Data Sheets and Electrical Patterns

<p>750 MHz</p> <p>Manufacturer: CCI Products Model #: HPA-65R-BUU-H8 Frequency Band: 698-806 MHz Gain: 13.2 dBd Vertical Beamwidth: 10.1° Horizontal Beamwidth: 65° Polarization: Dual Pol ± 45° Size L x W x D: 92.4" x 14.8" x 7.4"</p>	 <p>A polar plot showing the radiation pattern of the antenna at 750 MHz. The plot is circular with concentric dashed lines representing gain levels and radial lines representing angles from 0 to 180 degrees. The main lobe is centered at 0 degrees, extending to approximately 10 dBd. There are several side lobes on both sides of the main lobe, with the largest side lobes reaching about 5 dBd. The plot is labeled with angles: 0, 30, 60, 90, 120, 150, 180, -30, -60, -90, -120, -150.</p>
<p>850 MHz</p> <p>Manufacturer: CCI Products Model #: HPA-65R-BUU-H8 Frequency Band: 824-894 MHz Gain: 14.1 dBd Vertical Beamwidth: 8.4° Horizontal Beamwidth: 61° Polarization: Dual Pol ± 45° Size L x W x D: 92.4" x 14.8" x 7.4"</p>	 <p>A polar plot showing the radiation pattern of the antenna at 850 MHz. The plot is circular with concentric dashed lines representing gain levels and radial lines representing angles from 0 to 180 degrees. The main lobe is centered at 0 degrees, extending to approximately 14 dBd. There are several side lobes on both sides of the main lobe, with the largest side lobes reaching about 6 dBd. The plot is labeled with angles: 0, 30, 60, 90, 120, 150, 180, -30, -60, -90, -120, -150.</p>
<p>1900 MHz</p> <p>Manufacturer: CCI Products Model #: HPA-65R-BUU-H8 Frequency Band: 1850-1990 MHz Gain: 15.0 dBd Vertical Beamwidth: 5.6° Horizontal Beamwidth: 62° Polarization: Dual Pol ± 45° Size L x W x D: 92.4" x 14.8" x 7.4"</p>	 <p>A polar plot showing the radiation pattern of the antenna at 1900 MHz. The plot is circular with concentric dashed lines representing gain levels and radial lines representing angles from 0 to 180 degrees. The main lobe is centered at 0 degrees, extending to approximately 15 dBd. There are several side lobes on both sides of the main lobe, with the largest side lobes reaching about 7 dBd. The plot is labeled with angles: 0, 30, 60, 90, 120, 150, 180, -30, -60, -90, -120, -150.</p>

2300 MHz

Manufacturer: CCI Products

Model #: HPA-65R-BUU-H8

Frequency Band: 2305-2360 MHz

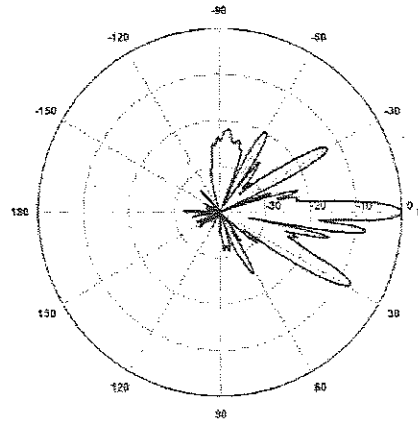
Gain: 15.6 dBd

Vertical Beamwidth: 4.5°

Horizontal Beamwidth: 60°

Polarization: Dual Pol $\pm 45^\circ$

Size L x W x D: 92.4" x 14.8" x 7.4"



*Proposed Wireless
Telecommunications Facility*

**CT2437 East Haven Mill St.
1270 North High Street
East Haven, Connecticut**

Prepared for **New Cingular Wireless PCS, LLC
500 Enterprise Drive, Suite 3A
Rocky Hill, CT 06057**

Prepared by **VHB/Vanasse Hangen Brustlin, Inc.
101 Walnut Street
Watertown, MA 02472**

March 2014

Visual Resource Evaluation

New Cingular Wireless PCS, LLC ("AT&T") seeks approval from the Connecticut Siting Council for the construction of a wireless telecommunications facility ("Facility") in the northern portion of the Town of East Haven, Connecticut. The proposed Facility that is the subject of this report would be located at 1270 North High Street (identified herein as the "host property"), in East Haven. This Visual Resource Evaluation was conducted to evaluate the visibility of the proposed Facility within a two-mile radius ("Study Area"). Attachment A: Viewshed Analysis contains a map that depicts the location of the proposed Facility and the limits of the Study Area, and identifies areas within the Study Area from which the Facility would likely be visible. Attachment B includes a photo location map and photographic simulations for the anticipated visibility of the proposed Facility.

Project Introduction

The proposed Facility would include a new 45-foot tall guyed telecommunications tower to be constructed on a platform to be installed on the roof of an existing apartment building on the host property. Associated support equipment would be installed along the roof and on the interior of the existing building. A generator would be installed, at grade, on a concrete pad on the northwest side of the building. The ground elevation on the host property is approximately 103.0 feet AMSL. The top of the proposed tower would be at an elevation of approximately 77 feet above ground level (AGL), or 176 feet AMSL. AT&T antennas would be installed on the tower at a centerline elevation of approximately 71 feet AGL (170 feet AMSL). Access to the Facility would be provided via an existing paved driveway off of North High Street.

Site Description and Setting

Identified in the Town of East Haven land records as Map 460, Lot 5829, Block 001 and Map 470, Lot 5730, Block 005, the host property is managed and maintained as a home for the elderly. The host property is developed with a single 100,000 square foot building containing 121 apartments on four floors. The remainder of the 9.1 acre host property is occupied by a paved parking area, an access driveway, and wooded open space. The proposed Facility would be situated on the host property approximately 300-feet northwest of North High Street, 405-feet south of Foxon Street, and 4,200-feet west of the East Haven High School. Land use in the immediate vicinity of the Facility is mainly medium and high density single family residential development; however, the Study Area contains a number of highly commercialized areas.

The Study Area is traversed by a number of state arterial roads, including Route 100 (North High Street), a generally north-to-south road approximately 300-feet southeast of the Facility; Route 80 (Foxon Road), an east-to-west road approximately 405-feet northwest of the Facility; Route 103 (Quinnipiac Avenue), a generally north-to-south road approximately 1.3 miles west of the Facility; and Interstate 91, a generally north-to-south interstate approximately

1.75 miles west of the Facility. In total, the Study Area features approximately 112 linear miles of roadways. Although the Facility is located in the Town of East Haven, Connecticut, the Study Area also includes portions of the towns of North Haven, Branford, and North Branford.

The topography within the Study Area is generally characterized by rolling hills with ground elevations that range from approximately 20 feet AMSL to approximately 375 feet AMSL. Of note, the unique topographic feature Saltonstall Ridge/Saltonstall Mountain is located within the Study Area, approximately 0.5 mile south of the proposed Facility, along the New Haven town boundary with Branford. The ridge serves as a visual barrier, preventing views of the tower from the southeast portion of the Study Area. The Study Area contains approximately 360 acres of surface water, which consists of Lake Saltonstall, Graniss Pond, the Little River, the Quinnipiac River, and various small brooks and streams. The tree cover within the Study Area comprises mixed deciduous hardwood species that occupy approximately 2,875 acres of the 8,042-acre study area (35.8%). The average tree canopy height throughout the Study Area was determined to be approximately 55 feet.

METHODOLOGY

To evaluate the visibility associated with the proposed Facility, VHB used the combination of a predictive computer model and in-field analysis. The predictive model provided a preliminary assessment of potential visibility throughout the entire study area, including private property and other areas inaccessible for direct observations. A Study Area reconnaissance was subsequently conducted for field verification to back-check the initial computer modeling results, to obtain location and height representations, and to provide photographic documentation from publicly accessible areas. A description of the procedures used in the analysis is provided below.

Visibility Analysis

VHB uses ArcGIS® Spatial Analyst, a computer modeling tool developed by Environmental Systems Research Institute, Inc., to calculate the areas from which at least the top of the proposed Facility is expected to be visible. Project and Study Area-specific data were incorporated into the computer model, including Facility height, its ground elevation, underlying and surrounding topography and existing vegetation. Information used in the model included Connecticut LiDAR¹-based digital elevation data and model and a digital forest (or tree canopy) layer developed for the Study Area. The LiDAR-based Digital Elevation Model (DEM) represents ten-foot spatial resolution elevation information for the state of Connecticut that was derived through the spatial interpolation of airborne LiDAR-based data collected in the year 2000 and has a horizontal resolution of ten (10) feet. The data

1 LiDAR is an acronym for Light Detection and Ranging. It is a technology that utilized lasers to determine the distance to an object or surface. LiDAR is similar to radar, but incorporates laser pulses rather than sound waves. It measures the time delay between transmission and reflection of the laser pulse.

was edited in 2007 and made available by the University of Connecticut through its Center for Land Use Education and Research (CLEAR). To create the forest layer, mature trees and woodland areas depicted on aerial photographs (2012 high resolution infrared imagery) were manually digitized (hand traced) in ArcGIS®, creating a geographic data layer for inclusion in the computer model. The 2010 infrared, digital aerial photographs, obtained from the Connecticut Department of Transportation, were flown in the spring of 2012 and selected for use in this analysis because of their image quality and depiction of pre-leaf emergence (i.e., “leaf-off”) conditions.

Once the specific data layers were entered, the ArcGIS® Spatial Analyst Viewshed tool was applied to achieve an estimate of locations where the proposed Facility could be visible. First, only topography was used as a possible visual constraint; the tree canopy was omitted to evaluate potential visibility with no intervening vegetative screening. The initial omission of this data layer resulted in an excessively conservative prediction, but it provided an opportunity to identify areas within potential direct lines of sight of the Facility.

The forest data layer was then overlaid and built into the DEM, using a conservative average tree canopy height of 50 feet, to establish a baseline assessment of intervening vegetation. The resultant preliminary viewshed map was used during the in-field activities (described further below) to compare the outcome of the initial computer modeling with observations of the balloon float to identify deviations. Information obtained from the field reconnaissance was ultimately incorporated into the model to refine the viewshed map.

The average tree canopy height, in this case 55 feet, was determined based on information collected in the field using a combination of a hand-held laser range finder and comparative observations. The revised average tree canopy height of 55 feet was then incorporated into the model and the results displayed on the viewshed map. The forested areas were overlaid on the DEM with a height of 55 feet added to the base elevation and the visibility within the Study Area calculated.

As a final step, the forested areas were extracted from the areas of visibility, using a conservative assumption that a person standing within the forest will not be able to view the proposed Facility beyond a distance of approximately 500 feet. Depending on the density of the intervening tree canopy and understory of the surrounding woodlands, it is assumed that some locations within this distance could provide visibility of at least portions of the proposed Facility at any time of the year. In “leaf-on” conditions, this distance may be overly conservative for most locations. However, for purposes of this analysis, it was reasoned that forested land beyond 500 feet of the proposed Facility would consist of light-impenetrable trees of a uniform height.

Also included on the map is a data layer, obtained from the State of Connecticut Department of Environmental Protection (“CTDEP”), which depicts various land and water resources such as parks and forests, recreational facilities, dedicated open space, CTDEP boat launches and other categories.

Study Area Reconnaissance

On February 24, 2014, Vanasse Hangen Brustlin Inc. (VHB) personnel conducted a Study Area reconnaissance to further evaluate the potential viewshed within the Study Area. VHB staff drove along the public roads within the Study Area, including nearby residential areas and schools to verify the results of the preliminary viewshed map, and to collect photographic documentation of the Study Area.

The data collected in the field, coupled with available LiDAR data, is considered to be sufficient for the purposes of accurately evaluating the visibility of the Facility within the Study Area.

Photographic Documentation

During the Site reconnaissance, VHB personnel drove the public road system within the Study Area to verify visibility identified by the predictive computer model. Publicly accessible locations within the predicted visibility areas were photographed from a number of different vantage points to document the actual view towards the proposed Facility (see Attachment B). The locations of the photographs and associated visibility are listed below.

View	Location	Orientation	Dist. To Site	Visibility
1	Site Drive Entrance	South	± 0.09 Mile	Seasonal
2	Intersection of Foxon Road and Mill Street	West	± 0.25 Mile	Not Visible
3	Intersection of Thompson Street and Gay Street	Northwest	± 0.25 Mile	Not Visible
4	Intersection of Foxon Hill Road and Charnes Drive	Northwest	± 0.63 Mile	Not Visible
5	Adjacent to 29 South Dale Street	Northwest	± 0.61 Mile	Seasonal
6	Intersection of Foxon Hill Road and Zolan Drive	Northwest	± 0.94 Mile	Not Visible
7	Dominic H Ferrara School	Northwest	± 0.89 Mile	Not Visible
8	Adjacent to 48 Hill Top Road	North	± 1.05 Miles	Seasonal
9	Intersection of Cloudland Road and Carolyn Court	North	± 1.60 Miles	Not Visible
10	Intersection of Cloudland Road and Beach Lane	North	± 1.95 Miles	Not Visible
11	Intersection of Thompson Lane and Borrelli Road	Northeast	± 1.63 Miles	Not Visible
12	Adjacent to 22 Cortina Road	Northeast	± 1.27 Miles	Not Visible
13	Intersection of Bennett Road and Crestwood Drive	Northeast	± 0.71 Mile	Not Visible
14	Intersection of Bennett Road and Thomas Court	Northeast	± 0.50 Mile	Not Visible
15	Adjacent to 35 Hurlburt Drive	Northeast	± 0.49 Mile	Seasonal
16	Intersection of Hurlburt Drive and Hunt Lane	Northeast	± 0.43 Mile	Not Visible
17	Adjacent to 400 Foxon Road	Northeast	± 0.36 Mile	Not Visible
18	Deer Run Elementary School Entrance	Northeast	± 0.59 Mile	Not Visible
19	Intersection of Foxon Road and Sperry Lane	East	± 1.06 Miles	Seasonal
20	Jerome Harrison School Entrance	East	± 1.87 Miles	Not Visible
21	Baldwin George House	East	± 2.29 Miles	Not Visible
22	Adjacent to 71 Brook Lane	East	± 1.91 Miles	Seasonal
23	Adjacent to 16 Williams Road	East	± 1.43 Miles	Seasonal
24	Intersection of Edgehill Road and Rock Terrace	East	± 0.78 Mile	Not Visible

View	Location	Orientation	Dist. To Site	Visibility
25	Intersection of River Road and Brookfield Road	East	± 0.68 Mile	Not Visible
26	Intersection of Glenmore Drive and Warwick Lane	East	± 0.61 Mile	Seasonal
27	Intersection of Cecelia Drive and Nicholas Drive	East	± 0.37 Mile	Seasonal
28	Kennedy Memorial Field Entrance	Southeast	± 0.27 Mile	Not Visible
29	Adjacent to 36 Maplevale Road	Southeast	± 0.20 Mile	Seasonal
30	Hayes School	Southeast	± 0.45 Mile	Not Visible
31	Intersection of David Drive and Demeter Drive	Southeast	+ 0.56 Mile	Not Visible
32	Intersection of David Drive and Lynn Court	South	± 0.37 Mile	Not Visible
33	Intersection of Hellstrom Road and Ellen Place	South	± 0.73 Mile	Not Visible
34	Adjacent to 45 Hellstrom Road	South	± 1.10 Miles	Not Visible
35	Adjacent to 93 Sunset Road	South	± 1.48 Miles	Seasonal
36	Adjacent to 32 Willow Road	South	± 1.26 Miles	Not Visible
37	Intersection of Hellstrom Road and Van Horn Drive	South	± 1.10 Miles	Not Visible
38	Adjacent to 160 Hellstrom Road	South	± 0.64 Mile	Not Visible
39	Intersection of North High Street and Mill Street	South	± 0.52 Mile	Not Visible
40	Adjacent to 131 Pleasant Avenue	Southwest	± 0.20 Mile	Seasonal
41	Adjacent to 84 Green Street	West	± 0.48 Mile	Year-Round
42	Intersection of Green Street and Strong Street	Southwest	± 0.53 Mile	Seasonal
43	Adjacent to 260 Angela Drive	Southwest	± 0.86 Mile	Seasonal
44	Intersection of Russo Avenue and John Street	Southwest	± 0.93 Mile	Not Visible
45	Intersection of Foxon Road and Foxon Boulevard	West	± 0.84 Mile	Not Visible
46	Intersection of Laurel Street and Venice Place	Southwest	± 1.74 Miles	Not Visible
47	Adjacent to Fairmont Park on Clifton Street	Southwest	± 1.92 Miles	Not Visible
48	Quinnipiac River Historic District, Intersection of East Grand Avenue and Lenox Street	Southwest	± 2.19 Miles	Not Visible
49	Intersection of Quinnipiac Avenue and Foxon Boulevard	West	± 1.37 Miles	Not Visible
50	Betsy Ross School	West	± 1.61 Miles	Not Visible
51	Middletown Avenue Park	Northwest	± 1.50 Miles	Not Visible
52	Intersection of Middletown Avenue and Quinnipiac Avenue	Northwest	± 1.59 Miles	Not Visible

Photographs of the Study Area from the viewpoints listed above were taken with a Canon D-5 MarkII digital camera body equipped with a Canon 28-105 mm zoom lens. For the purposes of this analysis, a lens setting of 50 mm was utilized to obtain views of the host property from all of the photographic locations listed above, "The lens that most closely approximates the view of the unaided human eye is known as the normal focal-length lens. For the 35 mm camera format, which gives a 24x36 mm image, the normal focal length is about 50 mm."²

² Warren, Bruce. *Photography*, West Publishing Company, Eagan, MN, c. 1993, (page 70).

Note: Focal lengths ranging from 17 mm to 50 mm can approximate views similar to that achieved from the unaided human eye. Two key factors to consider when determining what specific focal length to use to best represent "real world" conditions is field of view and relation of sizes between objects in the frame. A 17 mm focal length has a wider field of view, which is more representative of the overall extent (including peripheral vision) that the human eye typically sees. At this focal length, relation of sizes between objects is skewed and not entirely accurate to what the human eye experiences. A 50 mm focal length has a narrower field of view than that of the human eye; however, the relation of sizes between objects is more representative to that of what the human eye perceives. When producing photographic simulations, VHB has chosen to use a 50 mm focal length whenever

The locations of the photographic points were recorded in the field using a GPS-enabled iPhone app and were subsequently plotted on the maps contained in the attachments to this document.

Photographic Simulation

Photographic simulations were generated for fourteen (14) locations where it was determined that the Facility would be visible either seasonally (photographs 1, 5, 8, 15, 19, 22, 23, 26, 27, 35, 40, 42, and 43) or year-round (photograph 41). The photographic simulations portray a scaled rendering of the proposed Facility from these locations. Using field data, site plan information and 3-dimensional (3D) modeling software, a spatially referenced model of the site area was generated. Geographic coordinates (latitude and longitude) were collected in the field for all of the photograph locations via GPS and later used to generate virtual camera positions within the spatial 3D model. Photo simulations were then created using a combination of renderings generated in the 3D model and photo rendering software programs. The photographs and associated simulations are appended to this report as Attachment B.

CONCLUSIONS

Based on this analysis, and as depicted on the attached viewshed map (Attachment A), visibility of the Facility would be limited and would be primarily seasonal. The proposed 45-foot tall Facility, which extends to an overall elevation of 77 feet AGL, would be visible above the tree canopy within up to 180 acres of the Study Area (2.2%).

Year-round visibility of the Facility is limited to an approximately 1,200 linear foot section of Route 80 west of the host property (Photograph 41). The year-round visibility area along Route 80 begins approximately at the intersection of Route 80 with Fox Ridge Drive and ends roughly at the intersection of Route 80 with Green Street. Land use within the year-round visibility area consists mostly of commercial development. The Facility would be at least seasonally visible in all directions in an approximately 300-foot radius of the host property. However visibility of the Facility from vantage points less than 300 feet away would be limited due to its setback from the roofline (16 feet from the northern roof edge, 36 feet from the southern edge, 64 feet from the eastern edge, and 108 feet from the western edge). Due to topographic conditions, the Facility would also be visible from a number of East Haven and North Branford residential neighborhoods approximately 1-2 miles from the Facility (see Appendix A). The Facility would not be visible from any of the schools (Photographs 7, 18, 20, 30, and 50), landmarks of historical significance (Photograph 21 - Baldwin George House and Photograph 48 - Quinnipiac Historic District), or public parks (photographs 28 and 51) within the Study Area. Although the Study Area includes portions of the Towns of North Haven and Branford, the Facility would not be visible in these locations. As described in the

possible. For presentation purposes, such as in this report, the photographs are produced and viewed in an approximate 6.5" by 9.5" format. VHB has determined that when viewing a proposed facility at this format size, it is important to provide the largest representational image while maintaining an accurate relation of sizes between objects within the frame of the photograph.

following paragraphs and depicted in Appendix A, the Facility could be visible in a few locations in North Branford.

VHB estimates that at least partial views of the Facility would occur on portions of three hundred fifty (350) residential properties within the Study Area. The Facility would be visible from all residential properties on Rock Terrace, Glenmoor Drive, Manor Road, Warwick Lane, Cecelia Drive, Nicholas Drive, Carol Drive, Joan Court, Damen Drive, and Sunset Road. The Facility may also be visible from selected residences on the following East Haven roadways: Edgehill Drive, River Road, Rock Street, Maple Street, Maplevale Road, Maplevale Court, Sperry Lane, Bennett Street, Hemlock Drive, Green Street, View Street, Strong Street, Dale Street, Foxon Hill Road, North Street Pleasant Avenue, Round Hill Road, Mulbrook Street, Strong Street, Angela Drive, Borrmann Road, and Route 80 (Foxon Road). Additionally, the Facility may be seasonally visible from selected residences on Williams Road and Brook lane in North Branford. Visibility of the Facility on the aforementioned roadways would typically be located at the highest topographical points along the extent of the roadway. Overall potential year-round views of the proposed Facility would be limited to the areas described above by a combination of the intervening topography, existing development, and the abundance of mature vegetation within the Study Area.

Attachment A

Viewshed Analysis Map

Viewshed Analysis
Proposed AT&T Wireless
Telecommunications Facility
1270 North High St
Site CT2437
East Haven, Connecticut

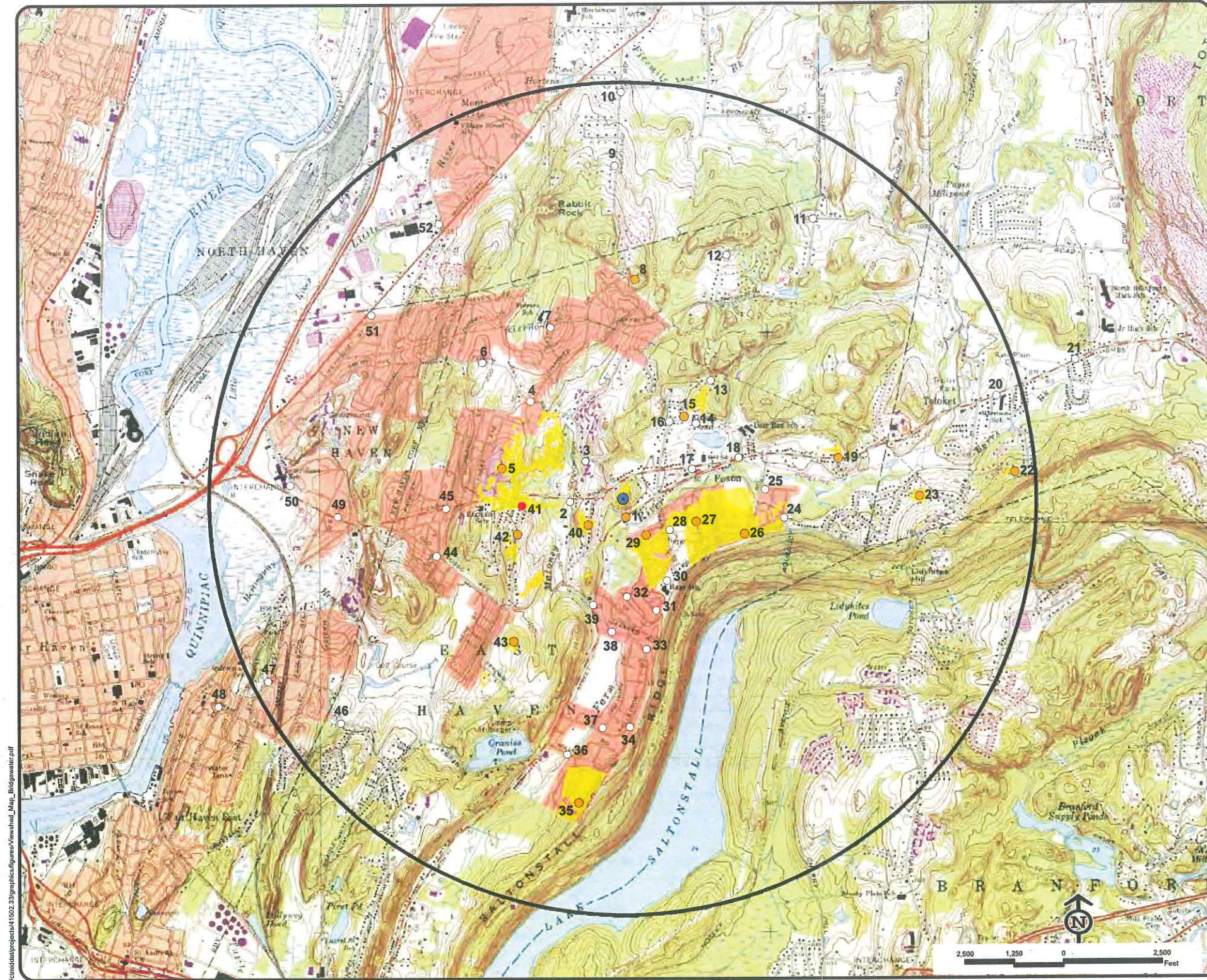
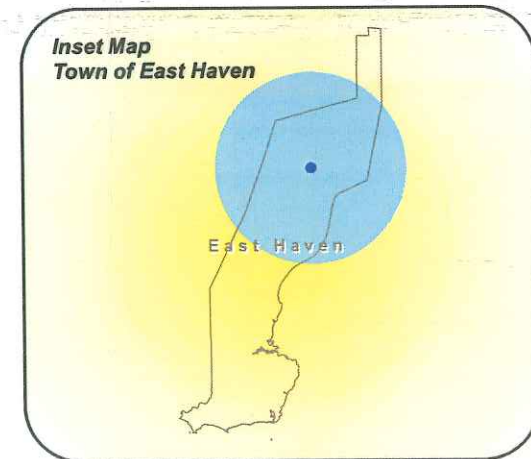
NOTE:
 - Viewshed analysis conducted using ESRI's Spatial Analyst.
 - Proposed facility height is 77 feet.
 - Existing tree canopy height estimated at 55 feet.
 - Study Area is comprised of a two-mile radius surrounding the proposed facility and includes 8,042 acres of land.

DATA SOURCES:
 - Digital elevation model (DEM) derived from Connecticut LiDAR-based Digital Elevation Data (collected in 2000) with a 10-foot spatial resolution produced by the University of Connecticut and the Center for Land Use Education and Research (CLEAR); 2007
 - Forest areas derived from 2012 infrared digital orthophotos with 1-foot pixel resolution; digitized by VHB, 2014.
 - Base map comprised of Branford (1984), and New Haven (1984) USGS Quadrangle Maps
 - Municipal and Private Open Space data layer provided by CT DEP, 1997
 - Federal Open Space data layer provided by CT DEP, 2004
 - CT DEP Property data layer provided by CT DEP, April 2010
 - CT DEP boat launches data layer provided by CT DEP, Dec 2008
 - Scenic Roads layer derived from available State and Local listings

Map Compiled February 20, 2014

Legend

- | | |
|---|--------------------------------------|
| ● Proposed Tower Location | ■ CT DEP Property (CT DEP, May 2010) |
| Photographs - February 24, 2014 | ■ State Forest |
| ● Balloon is visible above the trees | ■ State Park |
| ○ Balloon is visible thru the trees | ■ DEP Owned Waterbody |
| ○ Balloon is not visible | ■ State Park Scenic Reserve |
| ■ Year-Round Visibility (Approximately 180 acres) | ■ Historic Preserve |
| ■ Protected Municipal and Private Open Space (CT DEP, 1997) | ■ Natural Area Preserve |
| ■ Cemetery | ■ Fish Hatchery |
| ■ Preservation | ■ Flood Control |
| ■ Conservation | ■ Other |
| ■ Existing Preserved Open Space | ■ State Park Trail |
| ■ Recreation | ■ Water Access |
| ■ General Recreation | ■ Wildlife Area |
| ■ School | ■ Wildlife Sanctuary |
| ■ Uncategorized | ■ Federal Open Space (CT DEP, 2004) |
| — Appalachian Trail (3/4/2013) | ★ Boat Launches (CT DEP, Dec 2009) |
| | — Scenic Road (State and Local) |
| | — Town Line |



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Attachment B

Balloon Float Photographs and Photographic Simulations

Photographic Documentation and Simulations

Proposed Wireless Telecommunications Facility

CT 2437
East Haven, CT

SUBMITTED TO:



SUBMITTED BY:



PHOTOLOG MAP



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PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
1	SITE DRIVE ENTRANCE	SOUTH	0.09 MILES +/-	SEASONAL



PHOTOGRAPHIC SIMULATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
1	SITE DRIVE ENTRANCE	SOUTH	0.09 MILES +/-	SEASONAL



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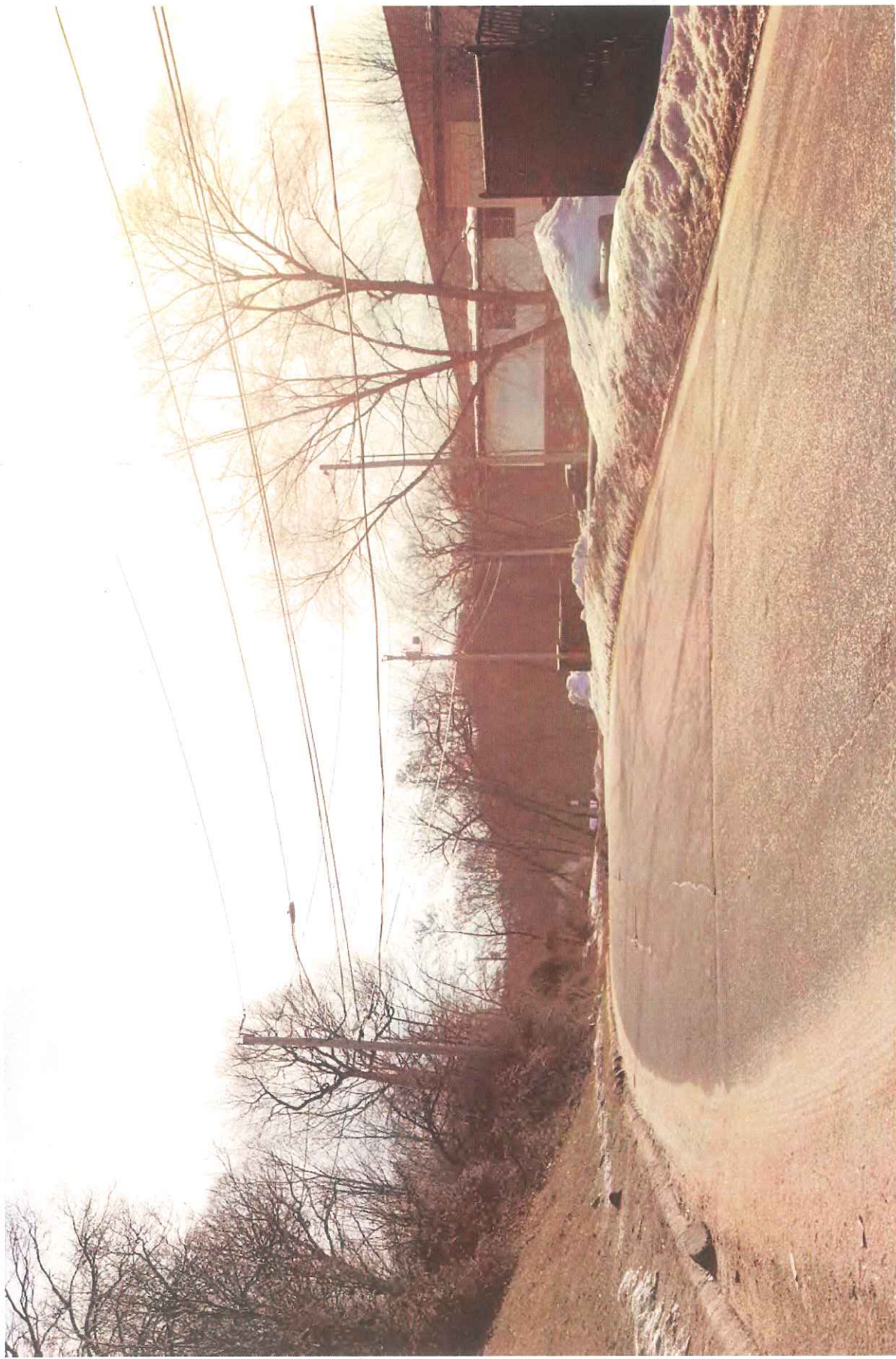
PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
2	INTERSECTION OF FOXON ROAD AND MILL STREET	WEST	0.25 MILES +/-	NONE

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PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
3	INTERSECTION OF THOMPSON STREET AND GAY STREET	NORTHWEST	0.25 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION

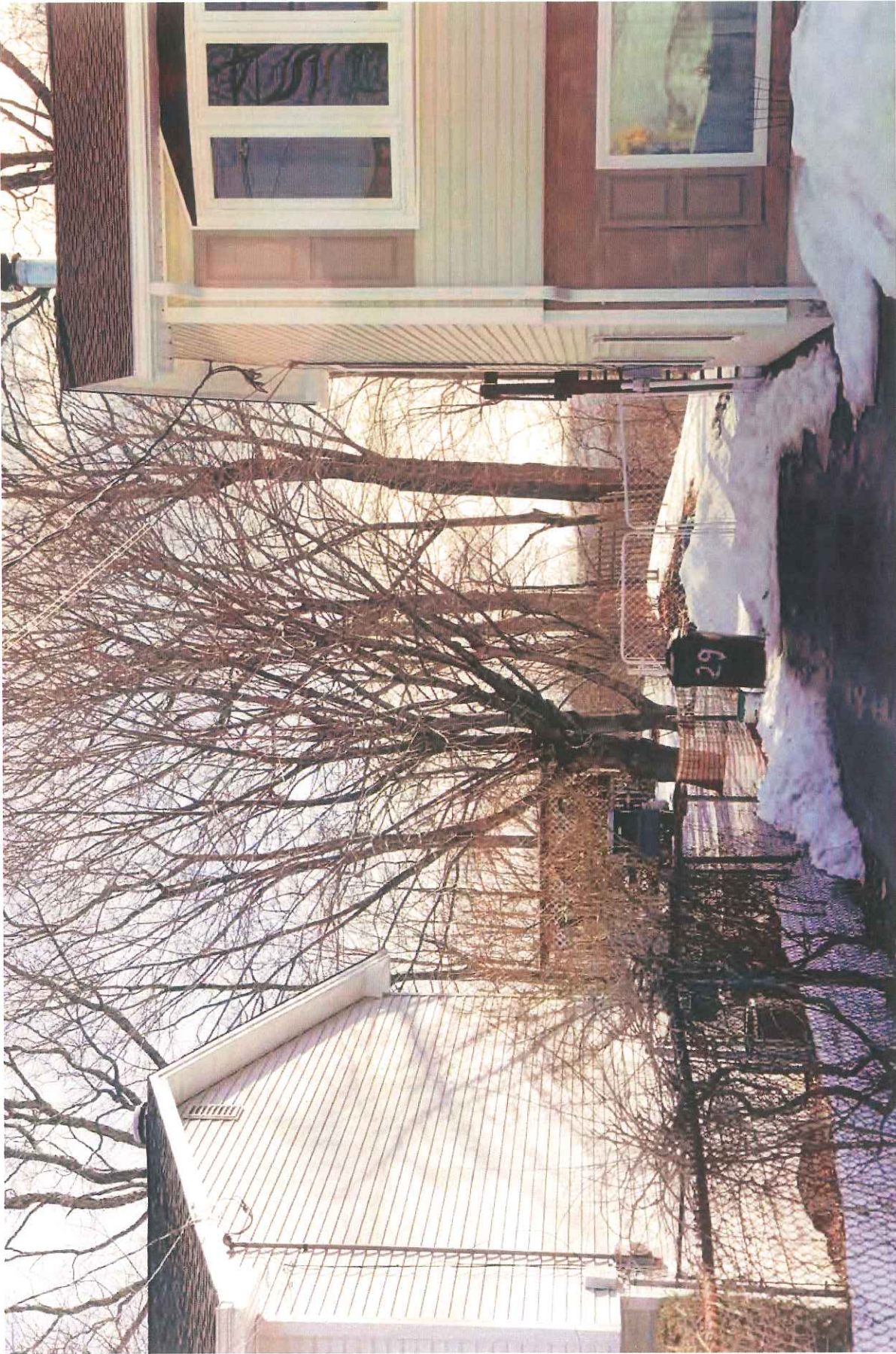


VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
4	INTERSECTION OF FOXON HILL ROAD AND CHARNES DRIVE	NORTHWEST	0.63 MILES +/-	NONE



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PHOTOGRAPHIC DOCUMENTATION

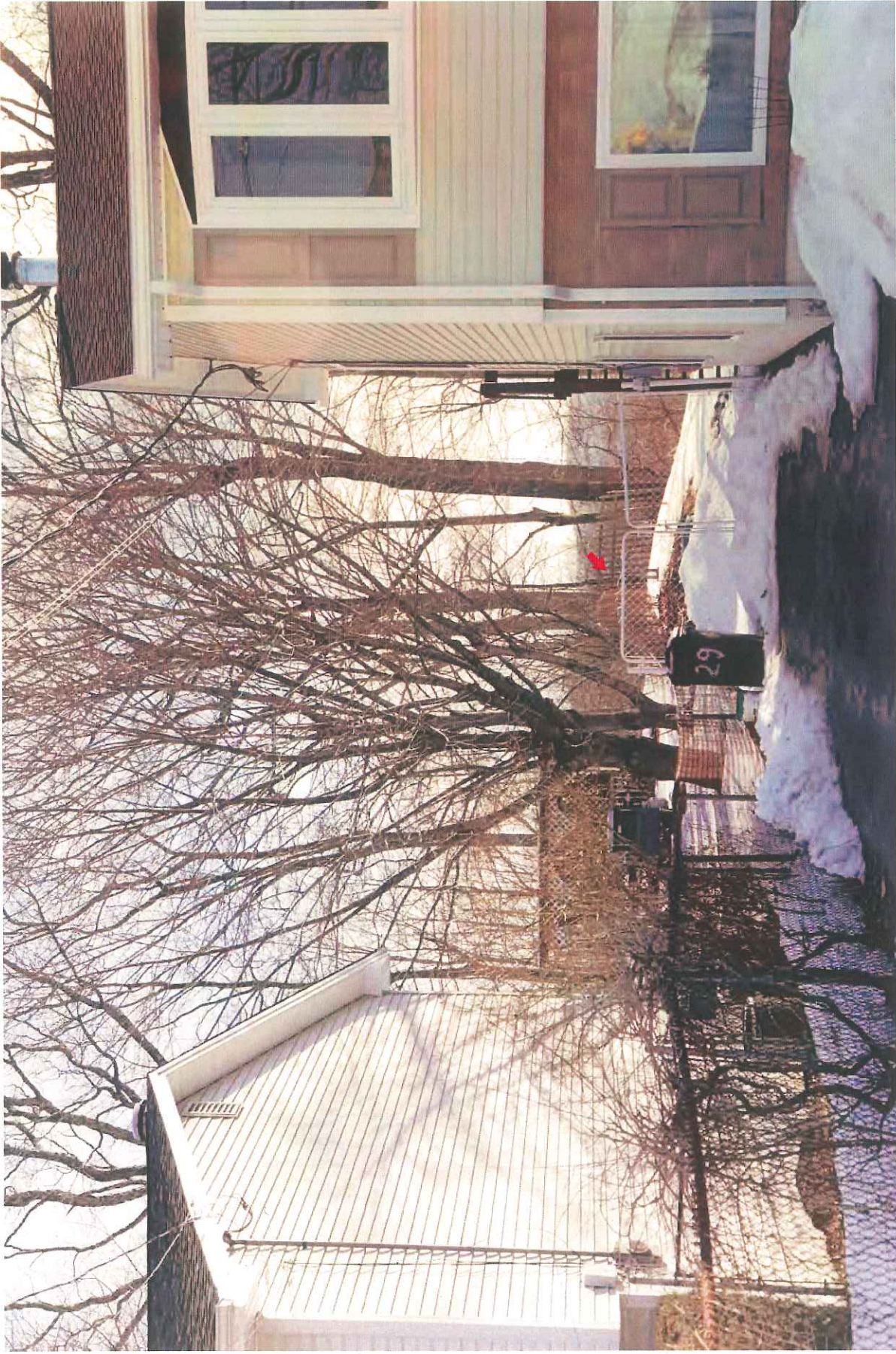


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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
5	ADJACENT TO 29 SOUTH DALE STREET	NORTHWEST	0.61 MILES +/-	SEASONAL



PHOTOGRAPHIC SIMULATION



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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
5	ADJACENT TO 29 SOUTH DALE STREET	NORTHWEST	0.61 MILES +/-	SEASONAL



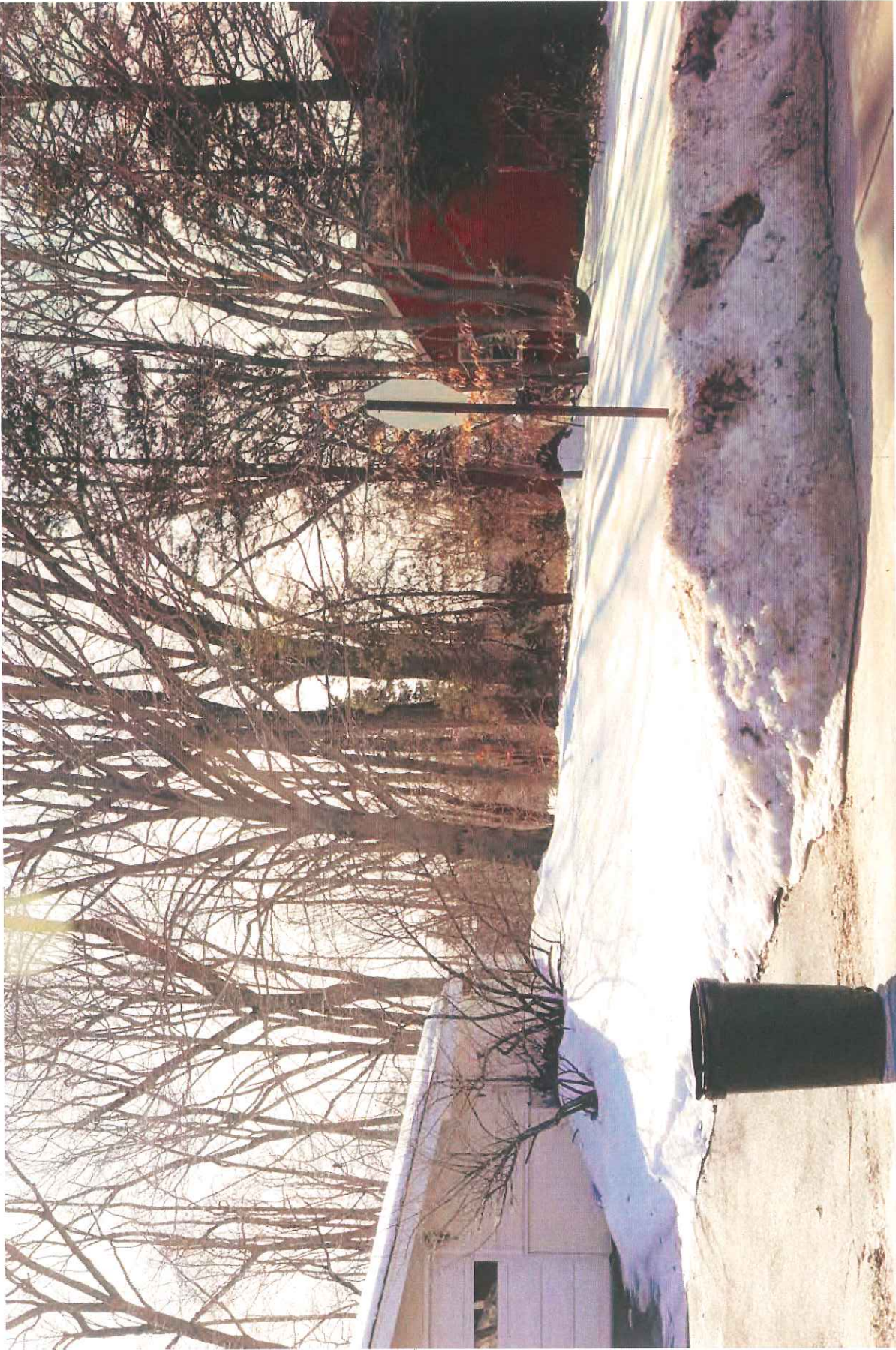
PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
6	INTERSECTION OF FOXON HILL ROAD AND ZOLAN DRIVE	NORTHWEST	0.94 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
7	DOMINIC H FERRARA SCHOOL	NORTHWEST	0.89 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
8	ADJACENT TO 48 HILLTOP ROAD	NORTH	1.05 MILES +/-	SEASONAL



PHOTOGRAPHIC SIMULATION



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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
8	ADJACENT TO 48 HILLTOP ROAD	NORTH	1.05 MILES +/-	SEASONAL

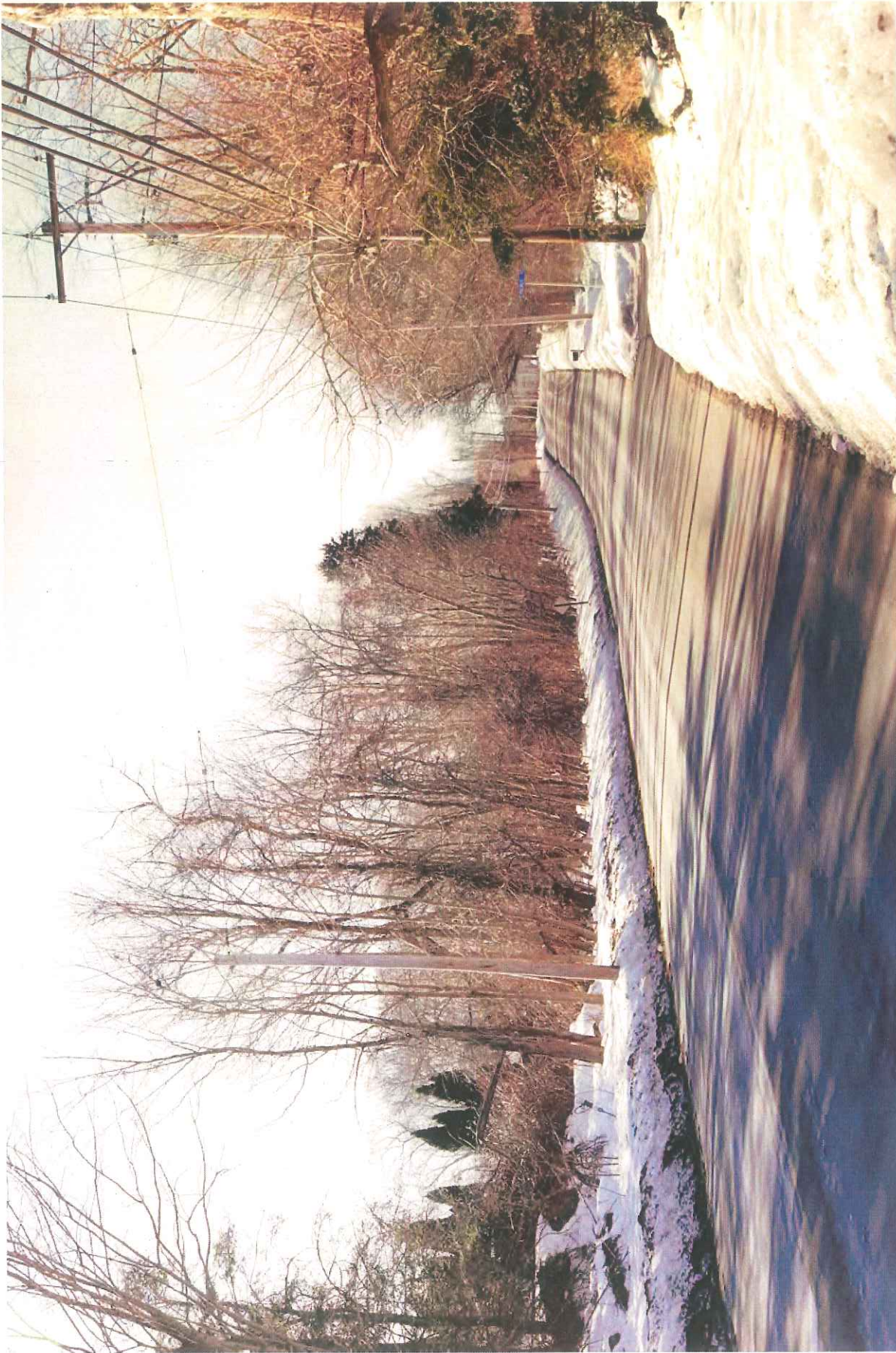
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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
9	INTERSECTION OF CLOUDLAND ROAD AND CAROLYN COURT	NORTH	1.60 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION

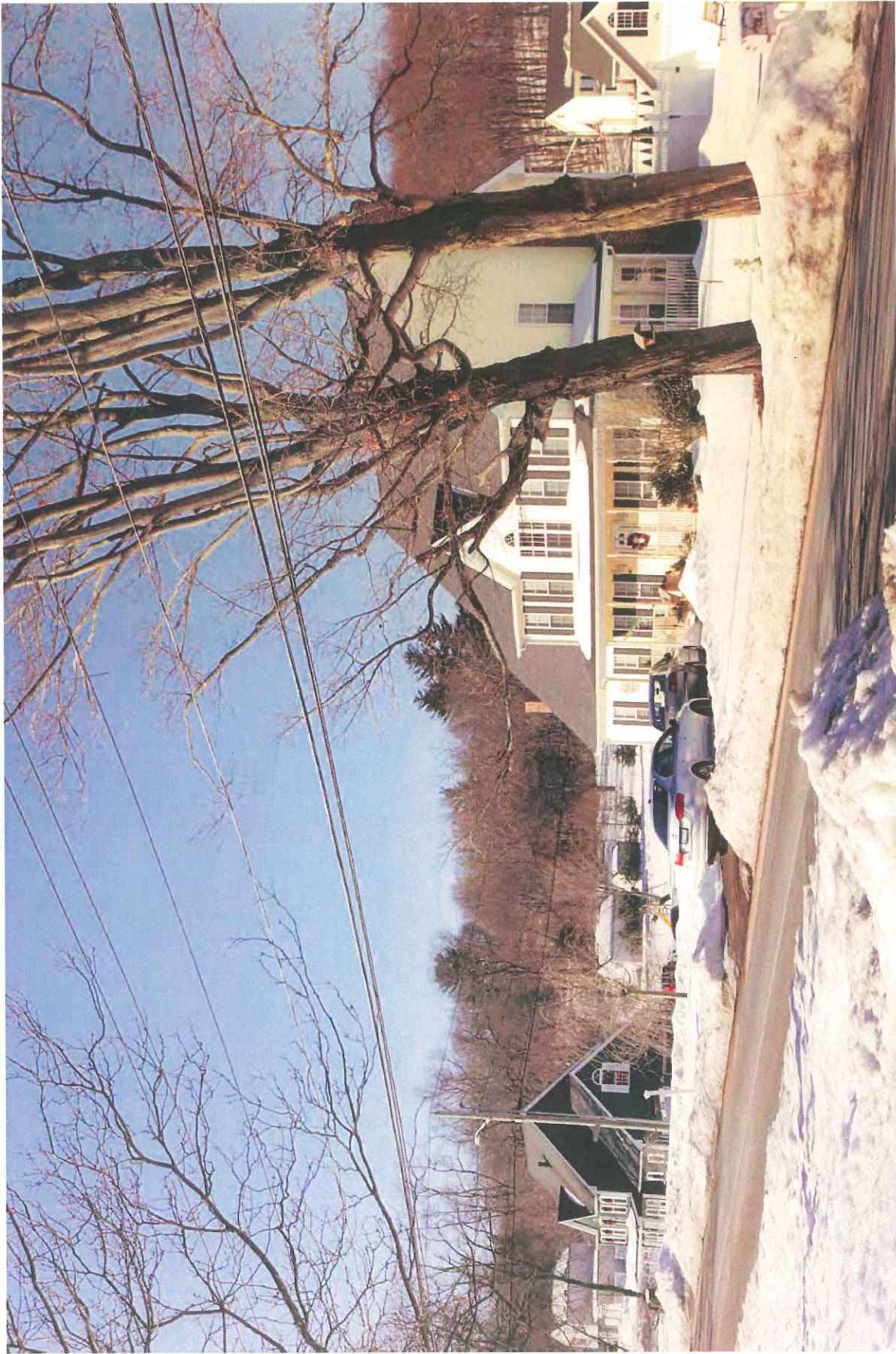


VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
10	INTERSECTION OF CLOUDLAND ROAD AND BEACH LANE	NORTH	1.95 MILES +/-	NONE



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PHOTOGRAPHIC DOCUMENTATION

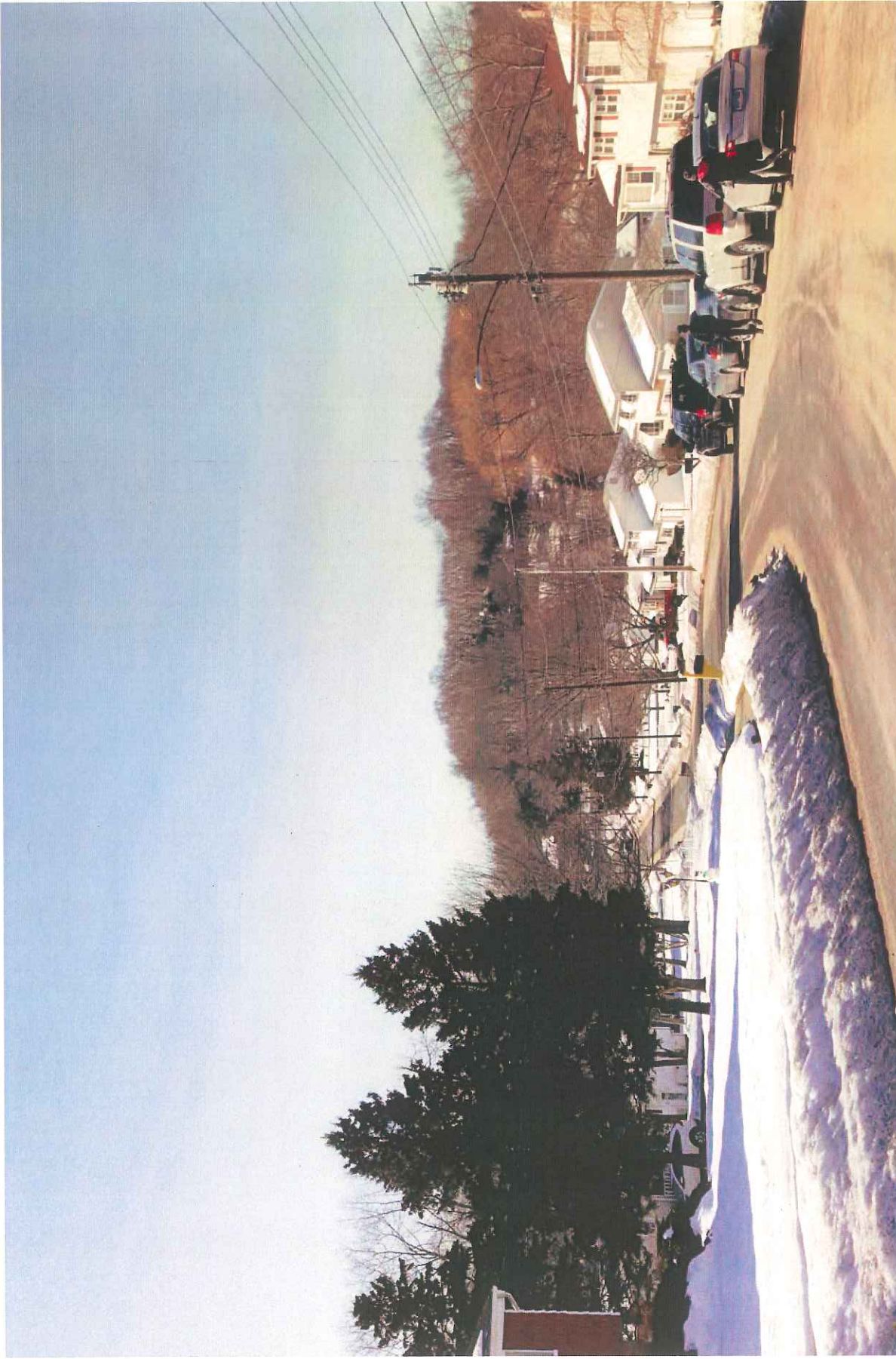


VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
11	INTERSECTION OF THOMPSON LANE AND BORRELLI ROAD	NORTHEAST	1.63 MILES +/-	NONE



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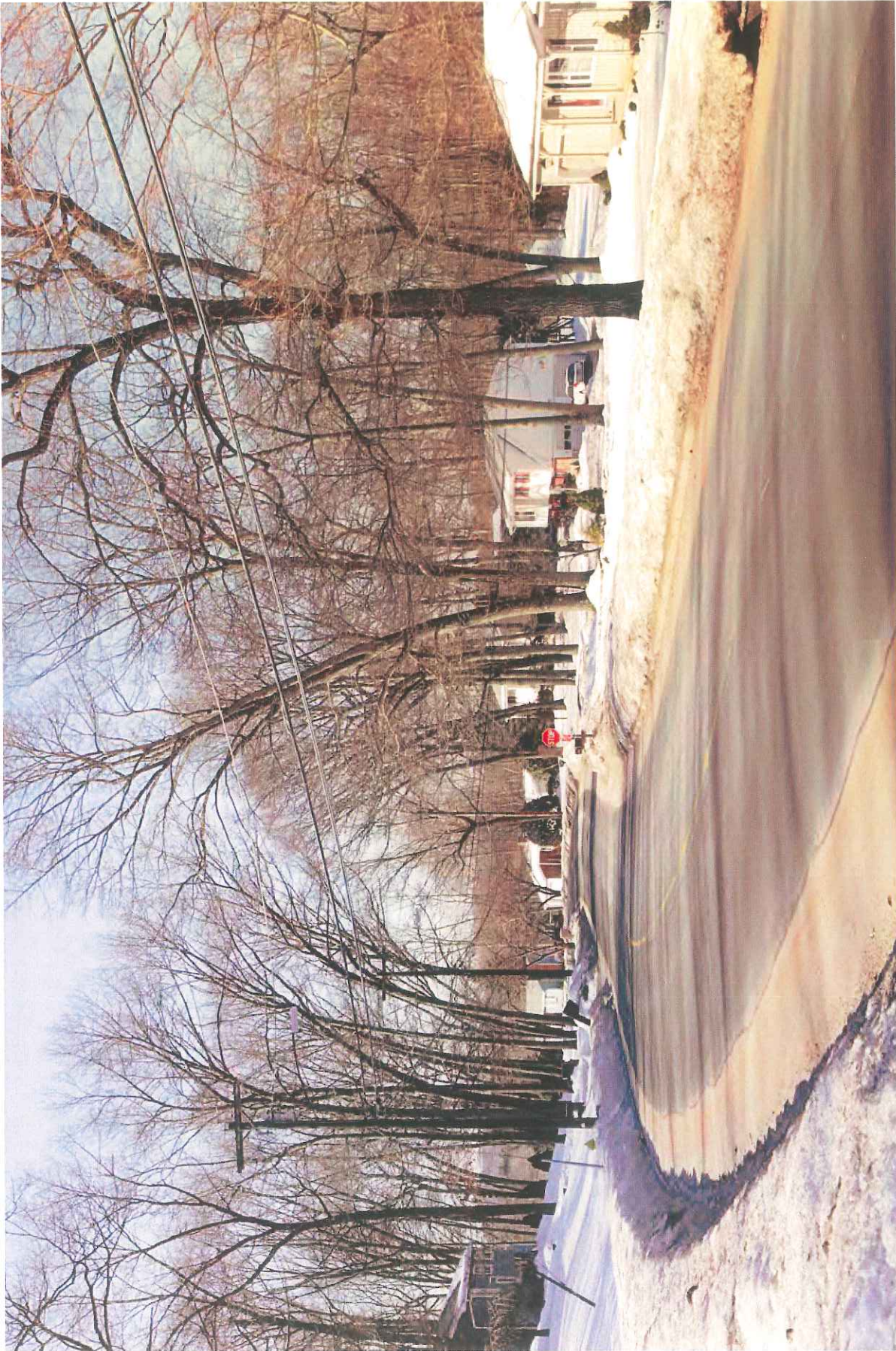
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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
12	ADJACENT TO 22 CORTINA ROAD	NORTHEAST	1.27 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION

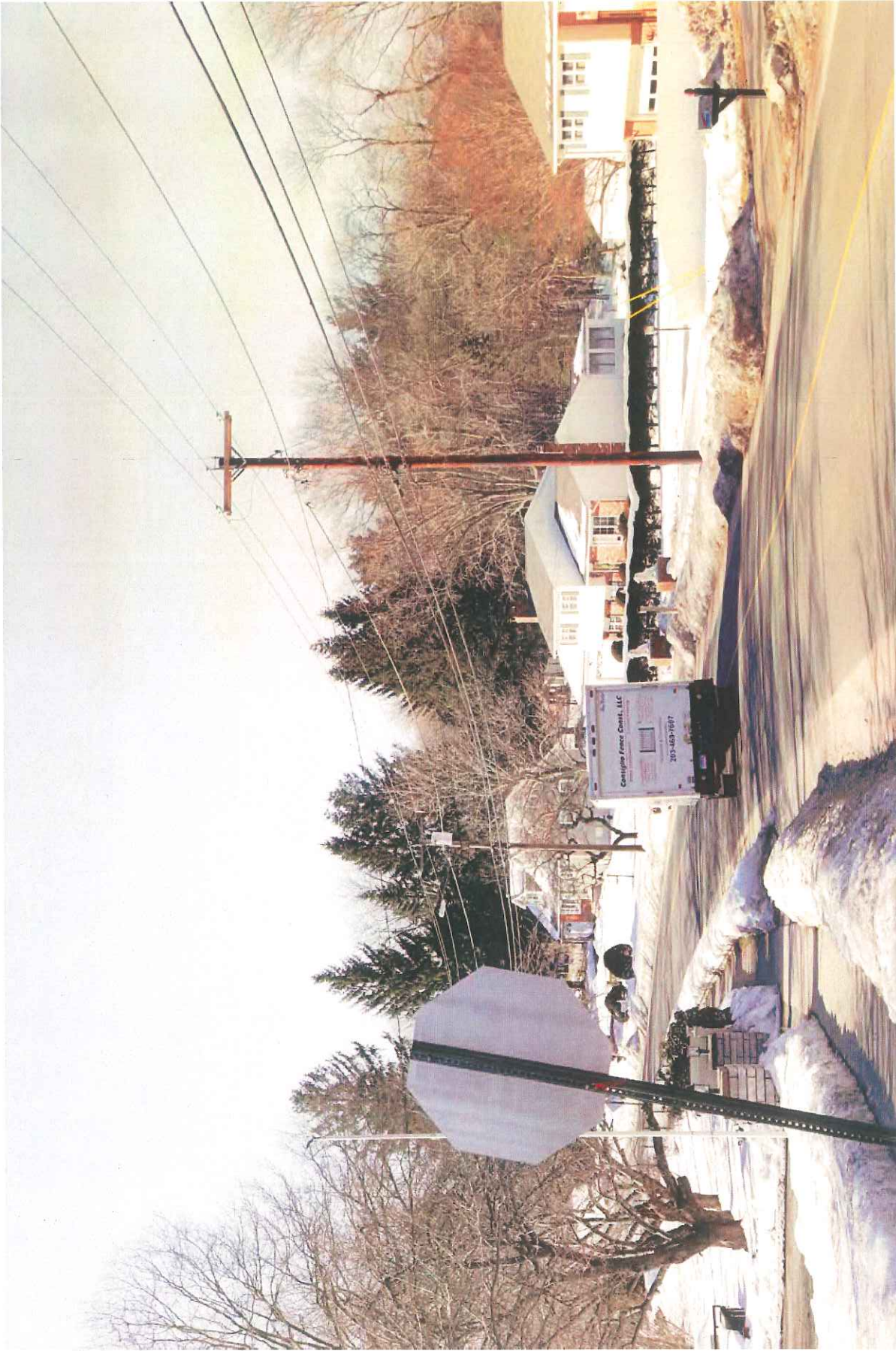


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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
13	INTERSECTION OF BENNETT ROAD AND CRESTWOOD DRIVE	NORTHEAST	0.71 MILES +/-	NONE



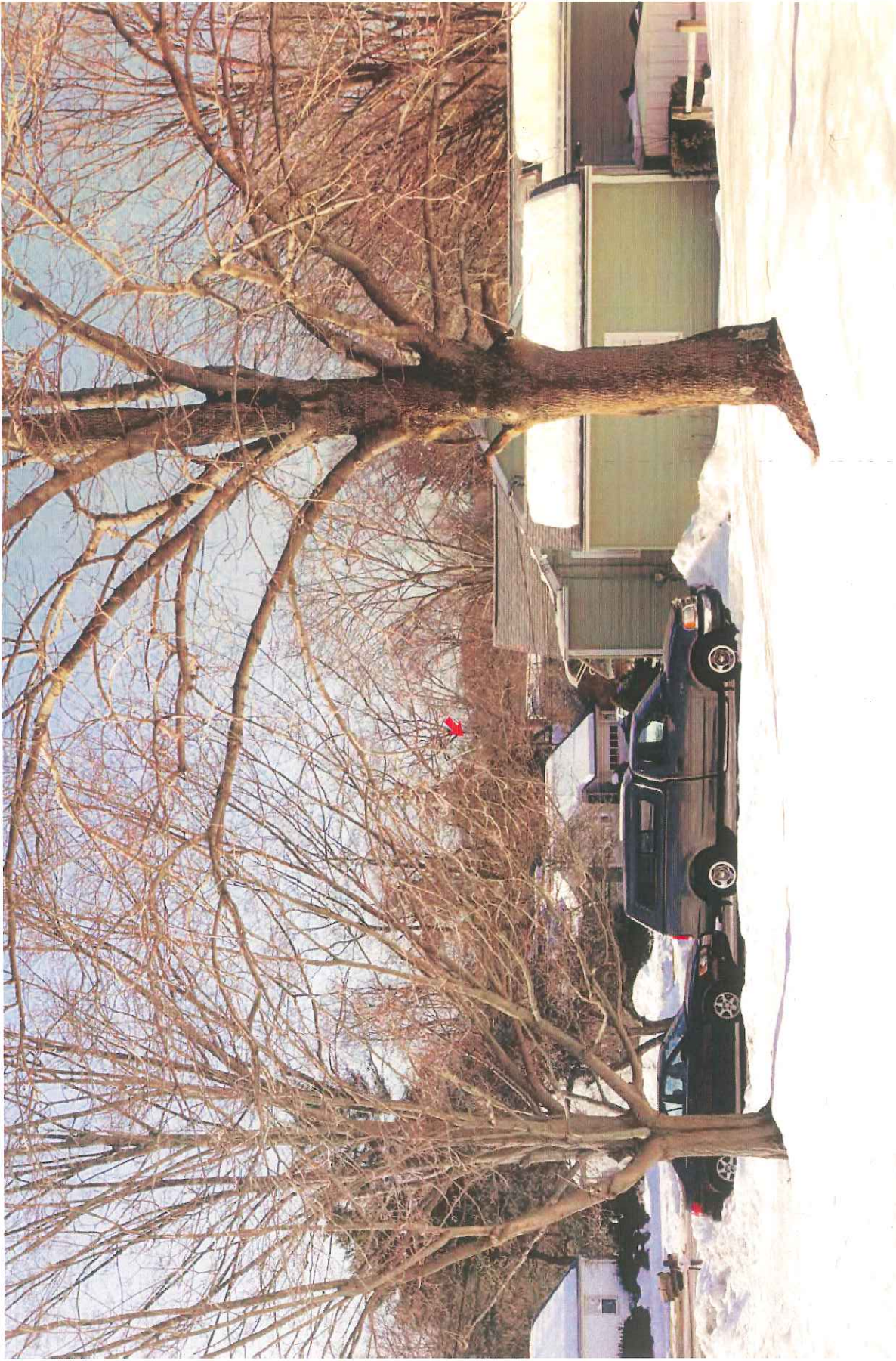
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VIEW	LOCATION		ORIENTATION	DISTANCE TO SITE	VISIBILITY
14	INTERSECTION OF BENNETT ROAD AND THOMAS COURT		NORTHEAST	0.50 MILES +/-	NONE



PHOTOGRAPHIC SIMULATION



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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
15	ADJACENT TO 35 HURLBURT DRIVE	NORTHEAST	0.49 MILES +/-	SEASONAL



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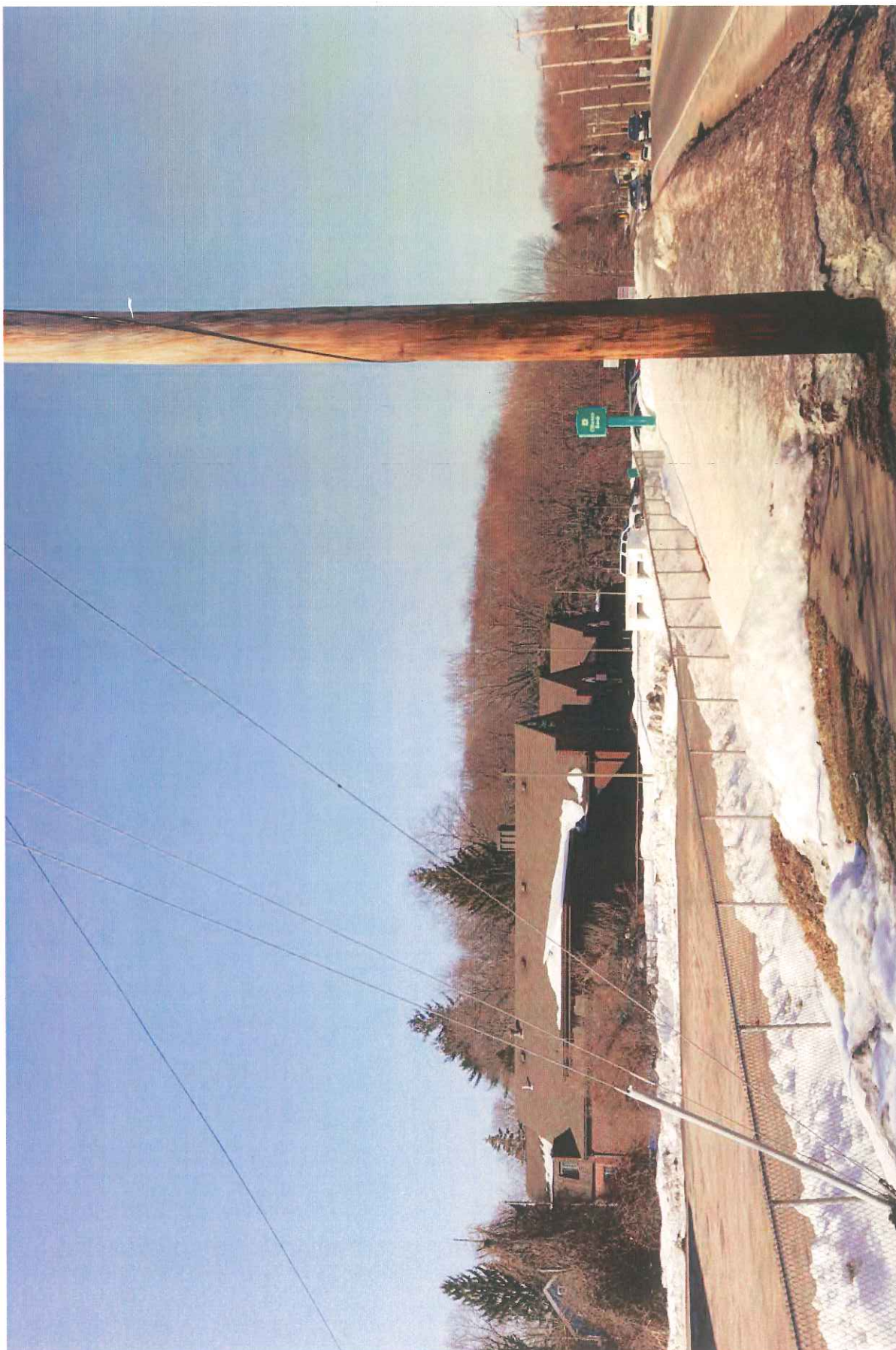


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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
16	INTERSECTION OF HURLBURT DRIVE AND HUNT LANE	NORTHEAST	0.43 MILES +/-	NONE



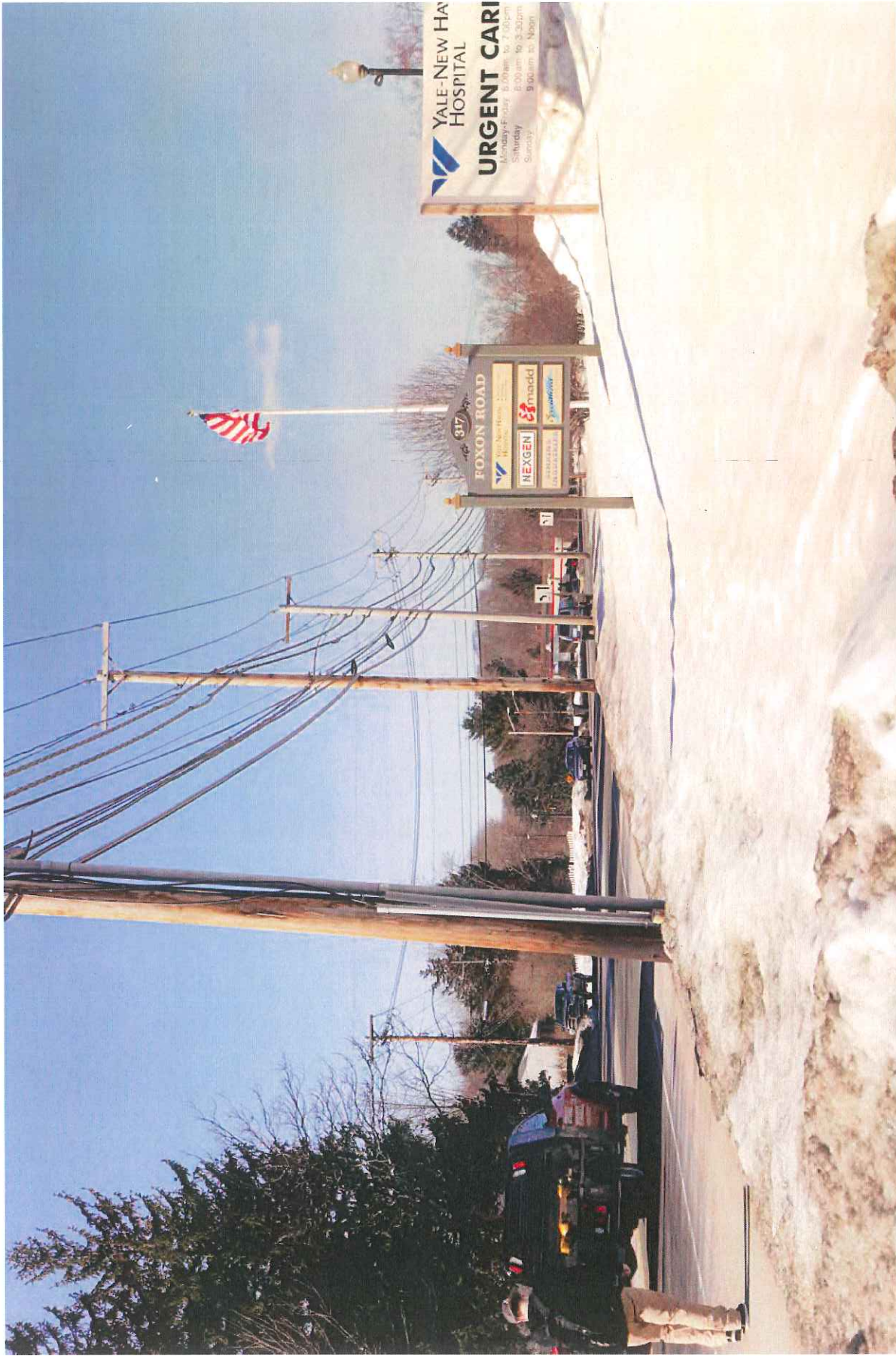
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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
17	ADJACENT TO 400 FOXON ROAD	NORTHEAST	0.36 MILES +/-	NONE

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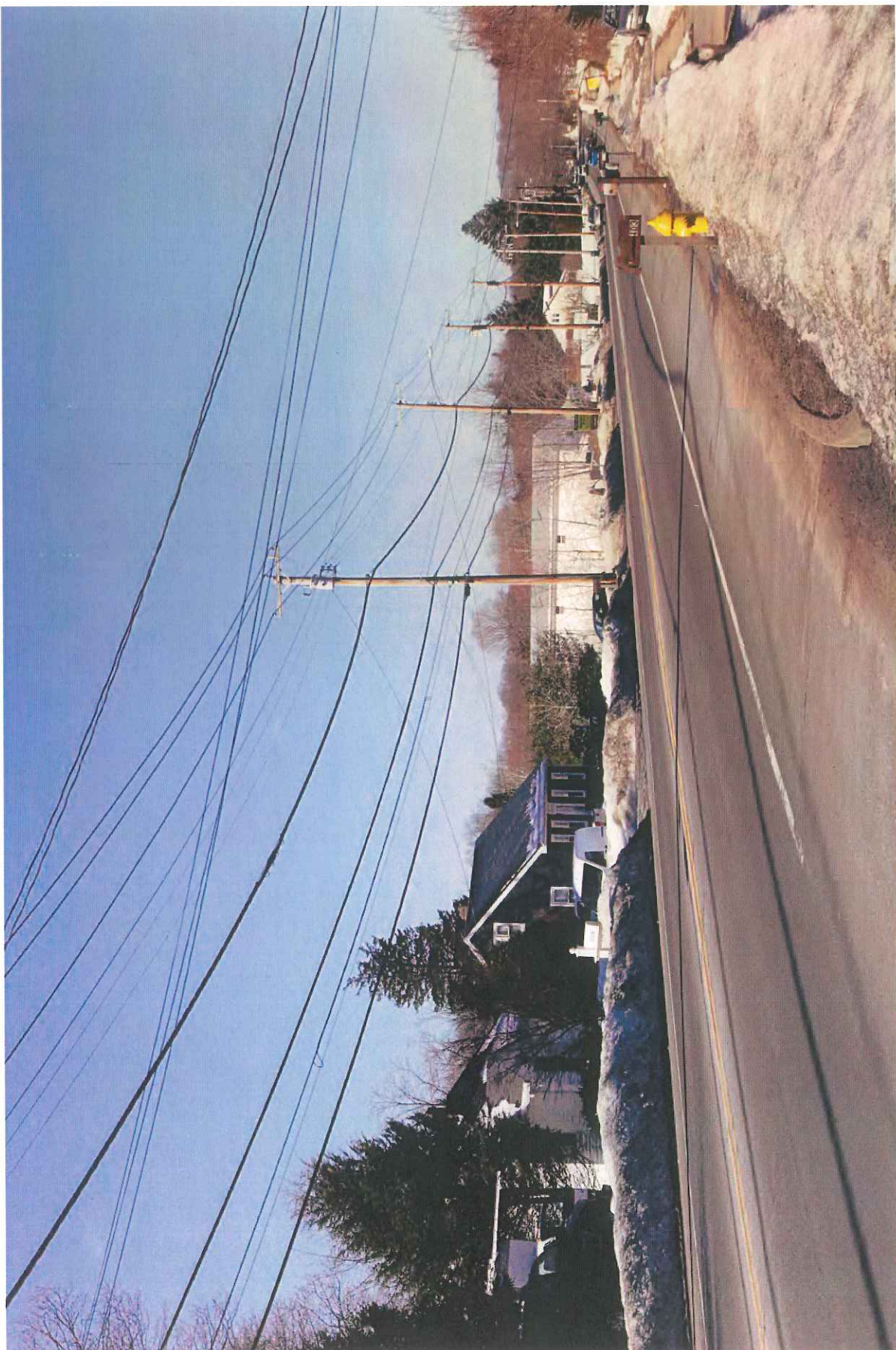


VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
18	DEER RUN ELEMENTARY SCHOOL ENTRANCE	NORTHEAST	0.59 MILES +/-	NONE



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PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
19	INTERSECTION OF FOXON ROAD AND SPERRY LANE	EAST	1.06 MILES +/-	SEASONAL

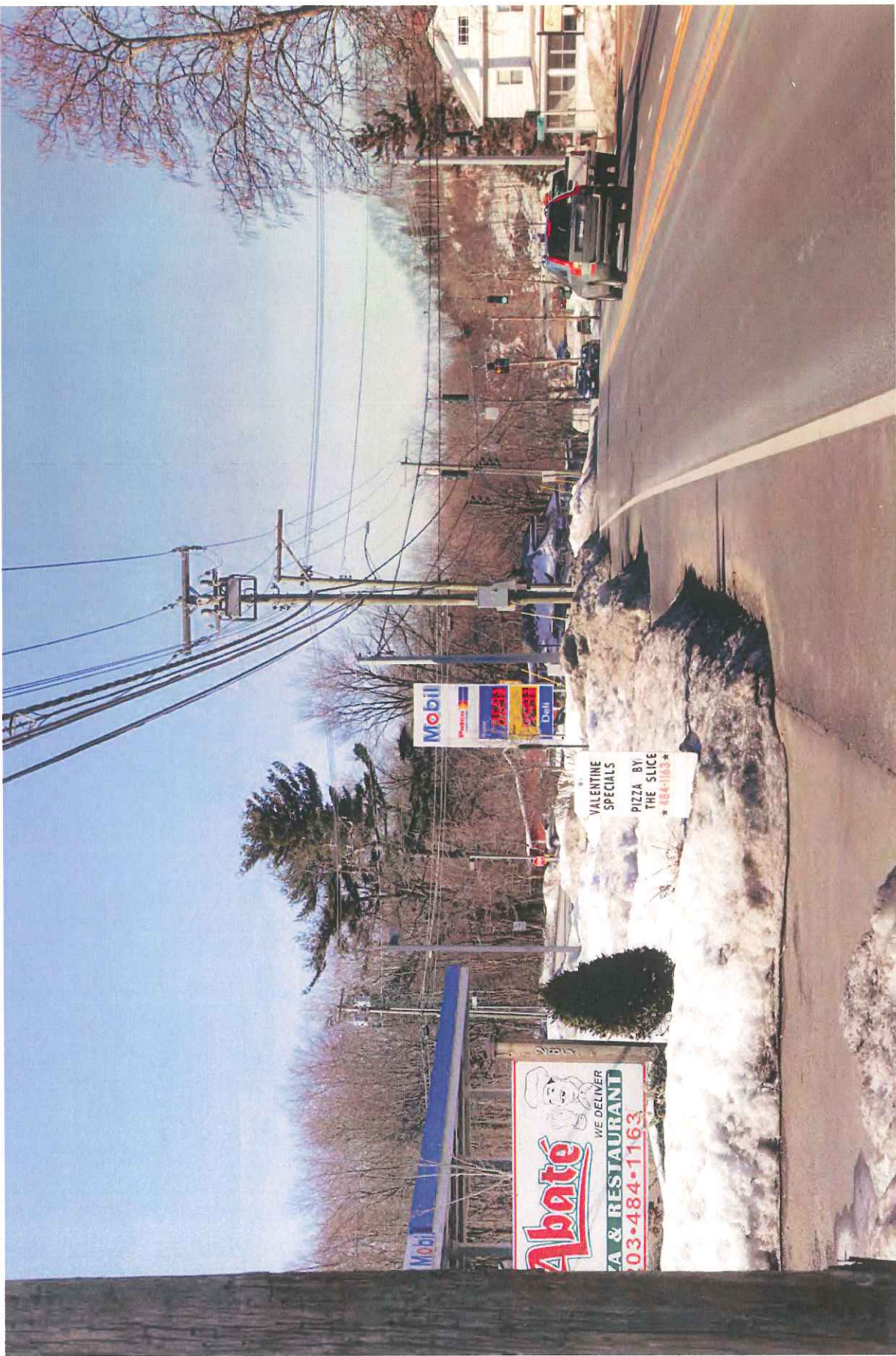


PHOTOGRAPHIC SIMULATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
19	INTERSECTION OF FOXON ROAD AND SPERRY LANE	EAST	1.06 MILES +/-	SEASONAL

PHOTOGRAPHIC DOCUMENTATION



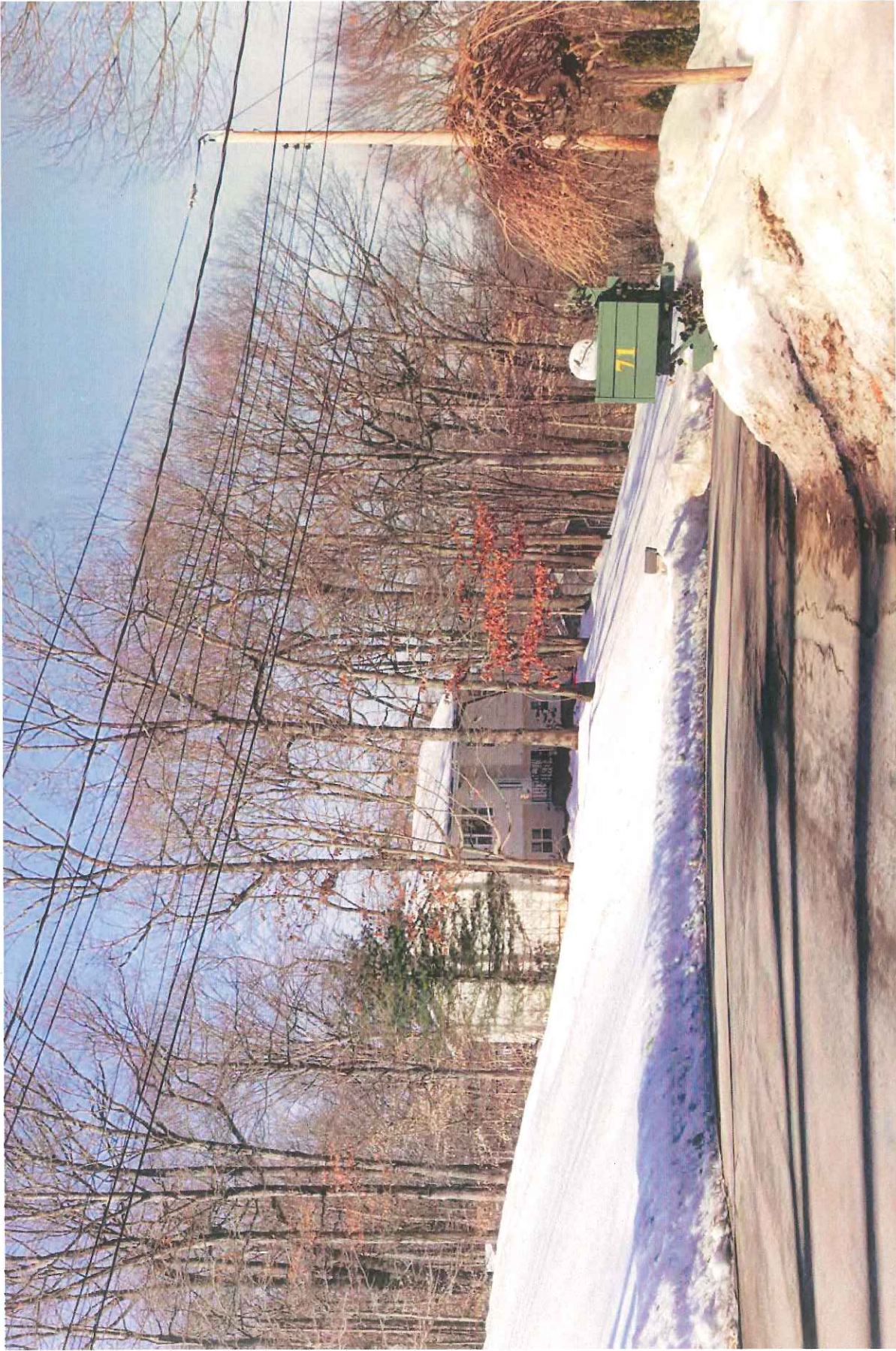
VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
20	JEROME HARRISON SCHOOL ENTRANCE	EAST	1.87 MILES +/-	NONE

PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
21	BALDWIN GEORGE HOUSE	EAST	2.29 MILES +/-	NONE

PHOTOGRAPHIC DOCUMENTATION

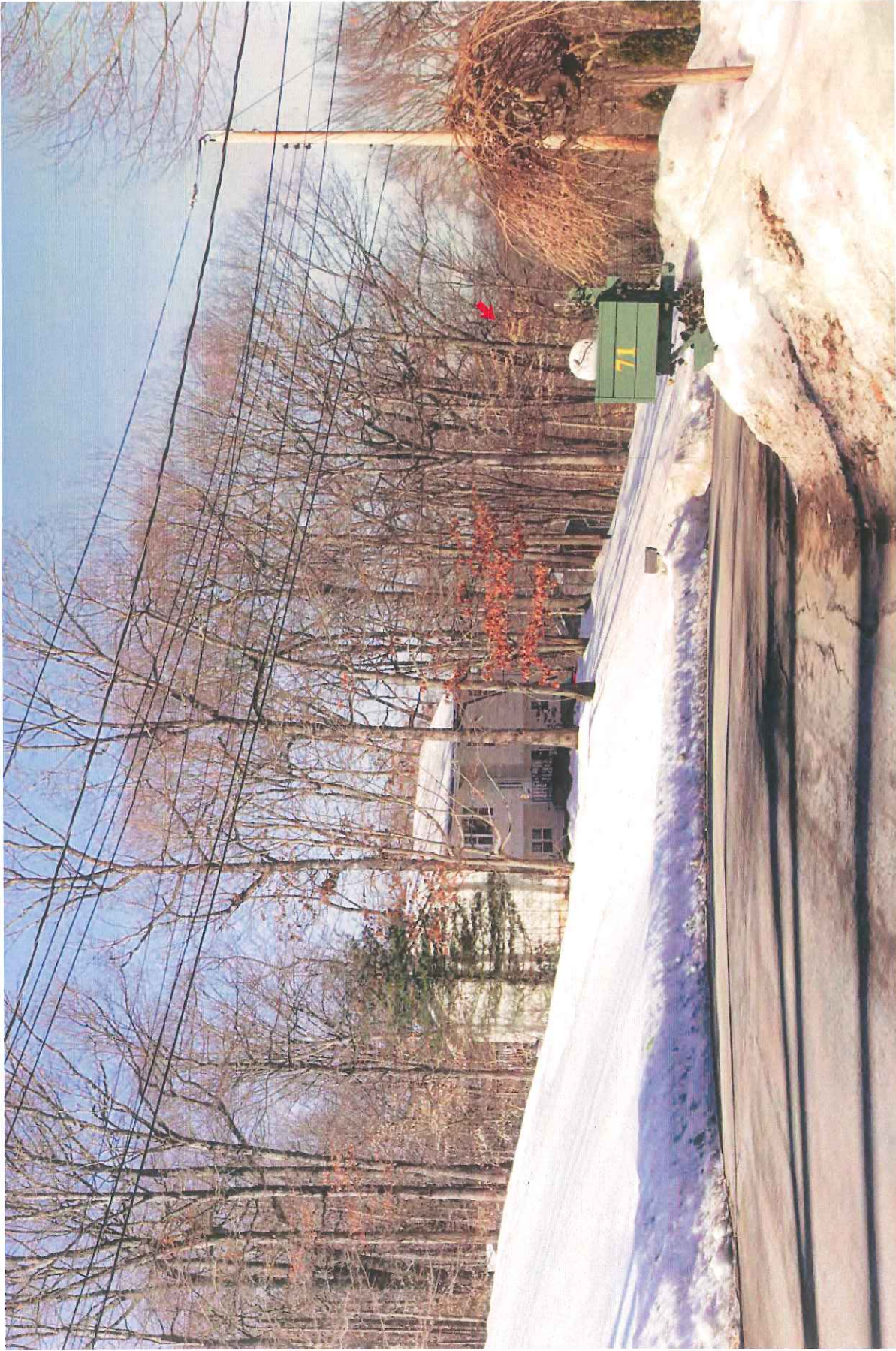


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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
22	ADJACENT TO 71 BROOK LANE	EAST	1.91 MILES +/-	SEASONAL



PHOTOGRAPHIC SIMULATION

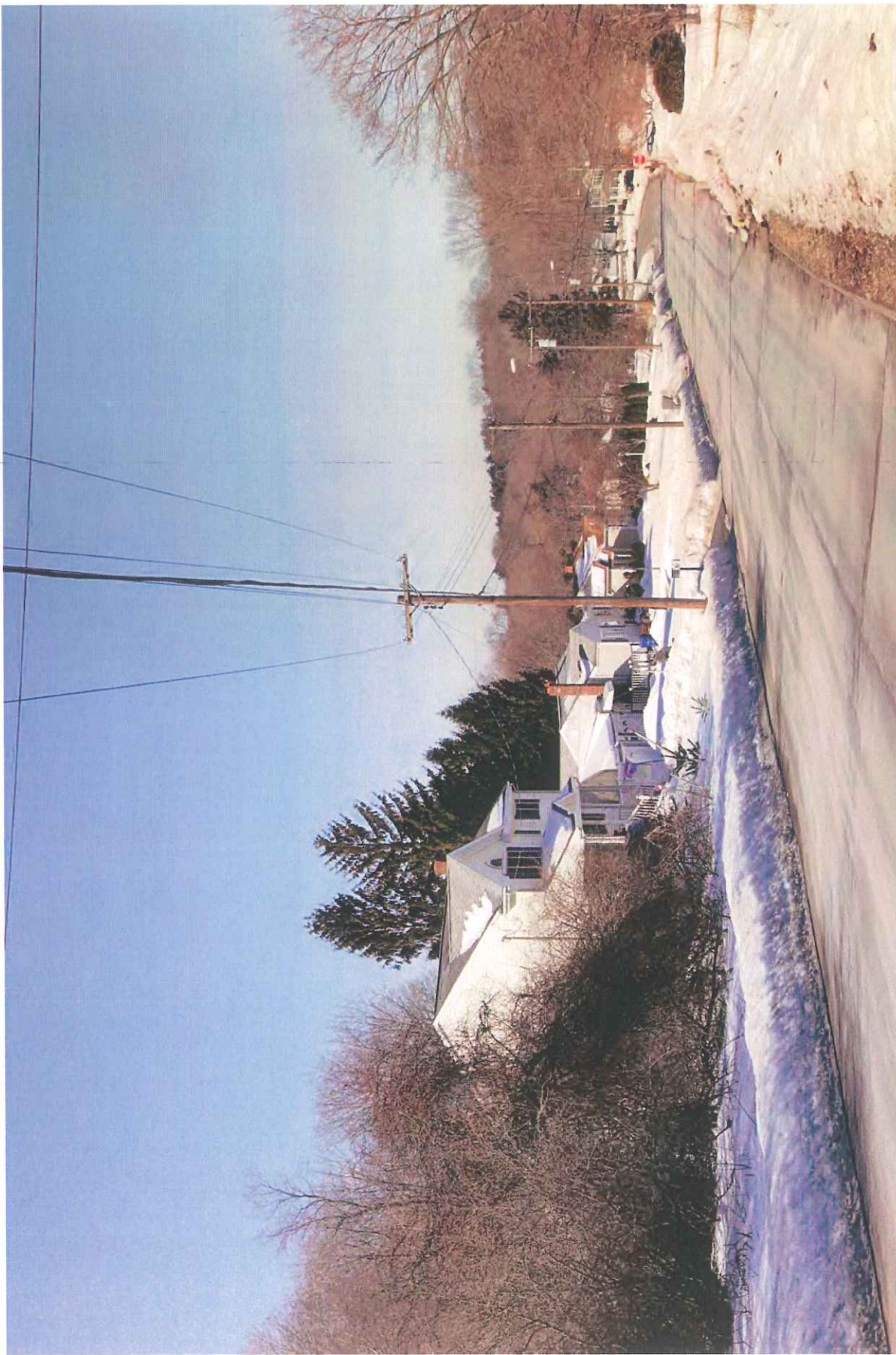


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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
22	ADJACENT TO 71 BROOK LANE	EAST	1.91 MILES +/-	SEASONAL



PHOTOGRAPHIC DOCUMENTATION

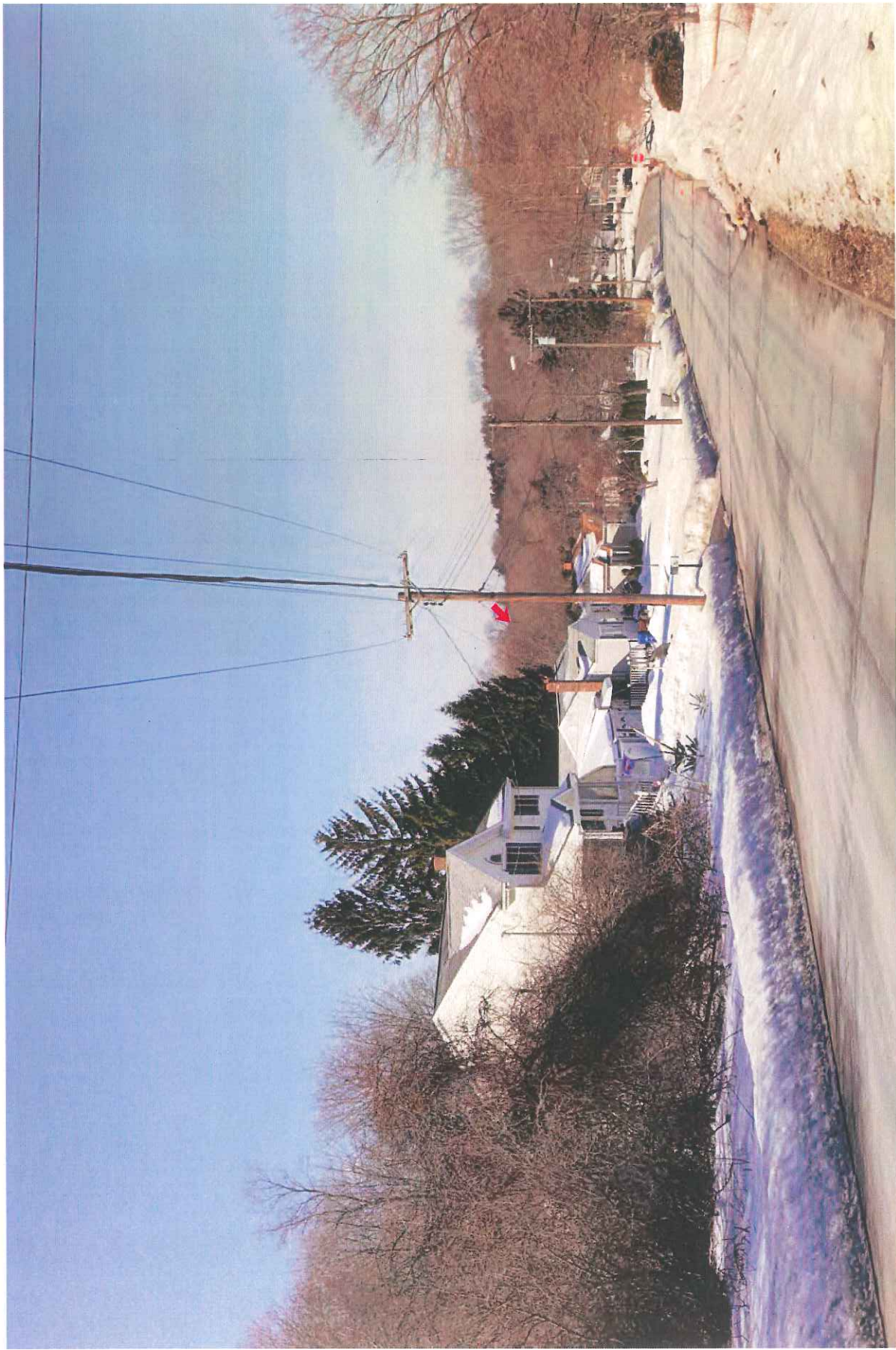


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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
23	ADJACENT TO 16 WILLIAMS ROAD	EAST	1.43 MILES +/-	SEASONAL



PHOTOGRAPHIC SIMULATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
23	ADJACENT TO 16 WILLIAMS ROAD	EAST	1.43 MILES +/-	SEASONAL



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PHOTOGRAPHIC DOCUMENTATION



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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
24	INTERSECTION OF EDGEHILL ROAD AND ROCK TERRACE	EAST	0.78 MILES +/-	NONE

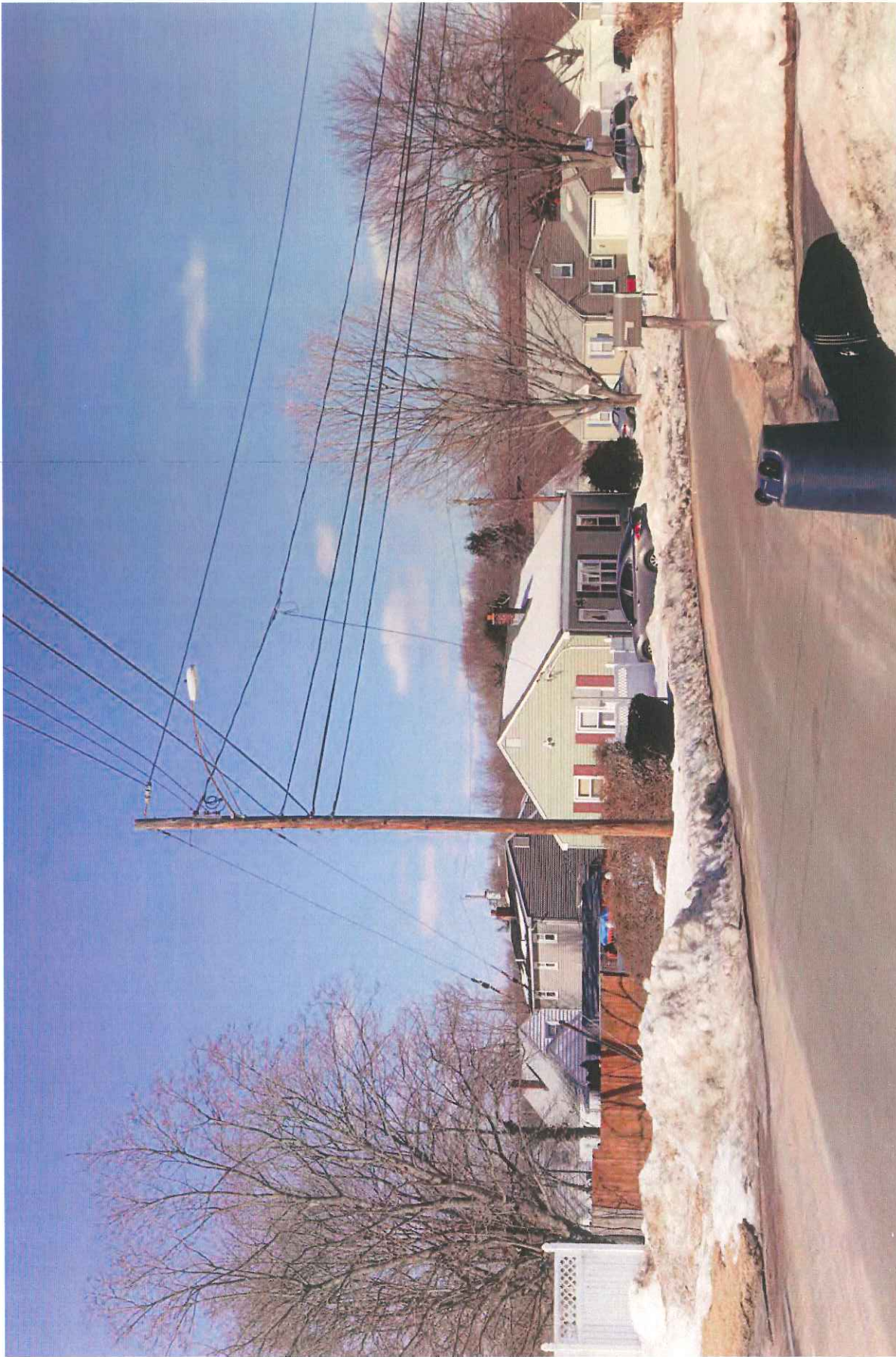


PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
25	INTERSECTION OF RIVER ROAD AND BROOKFIELD ROAD	EAST	0.68 MILES +/-	NONE

PHOTOGRAPHIC DOCUMENTATION

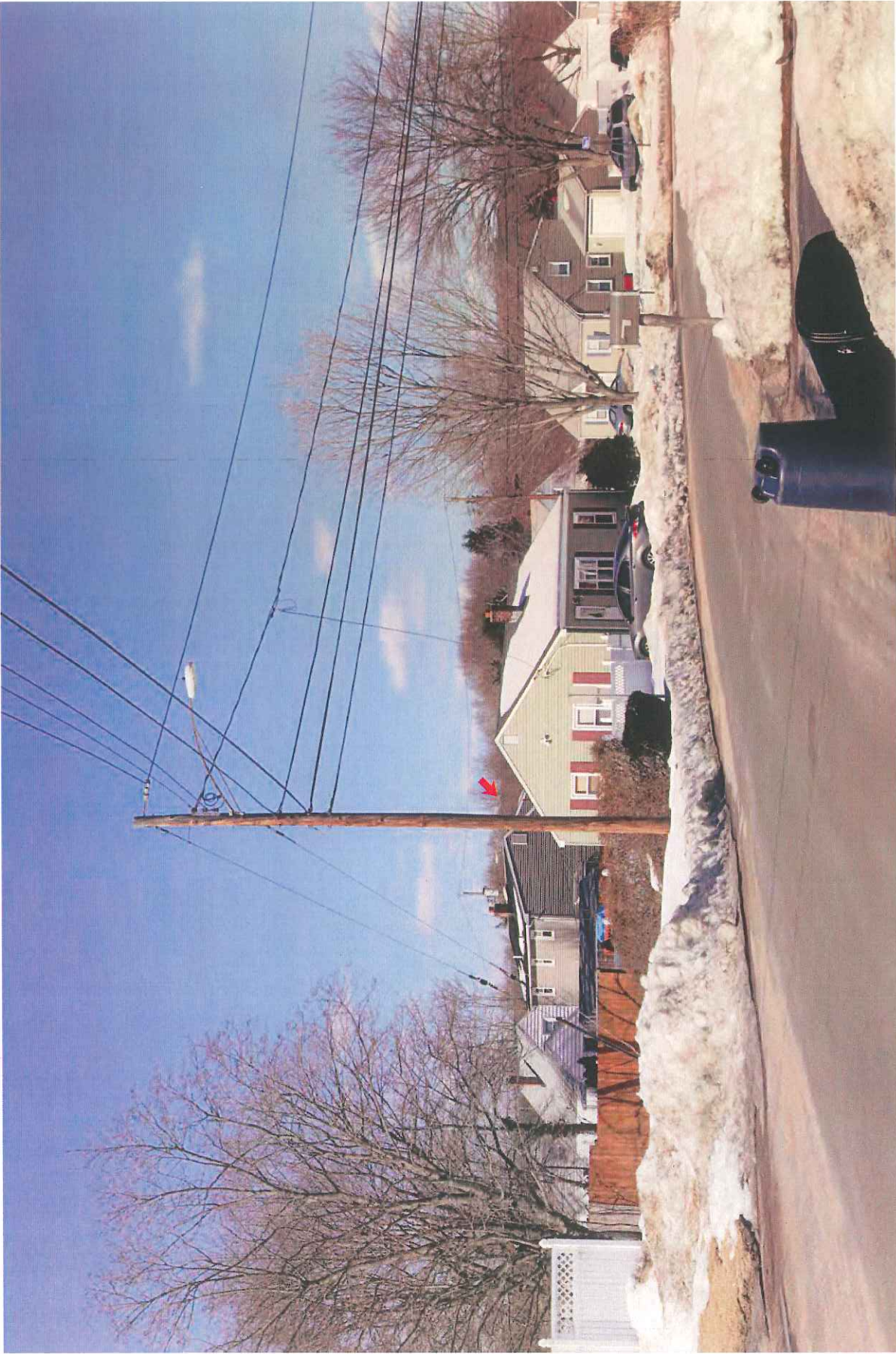


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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
26	INTERSECTION OF GLENMORE DRIVE AND WARWICK LANE	EAST	0.61 MILES +/-	SEASONAL

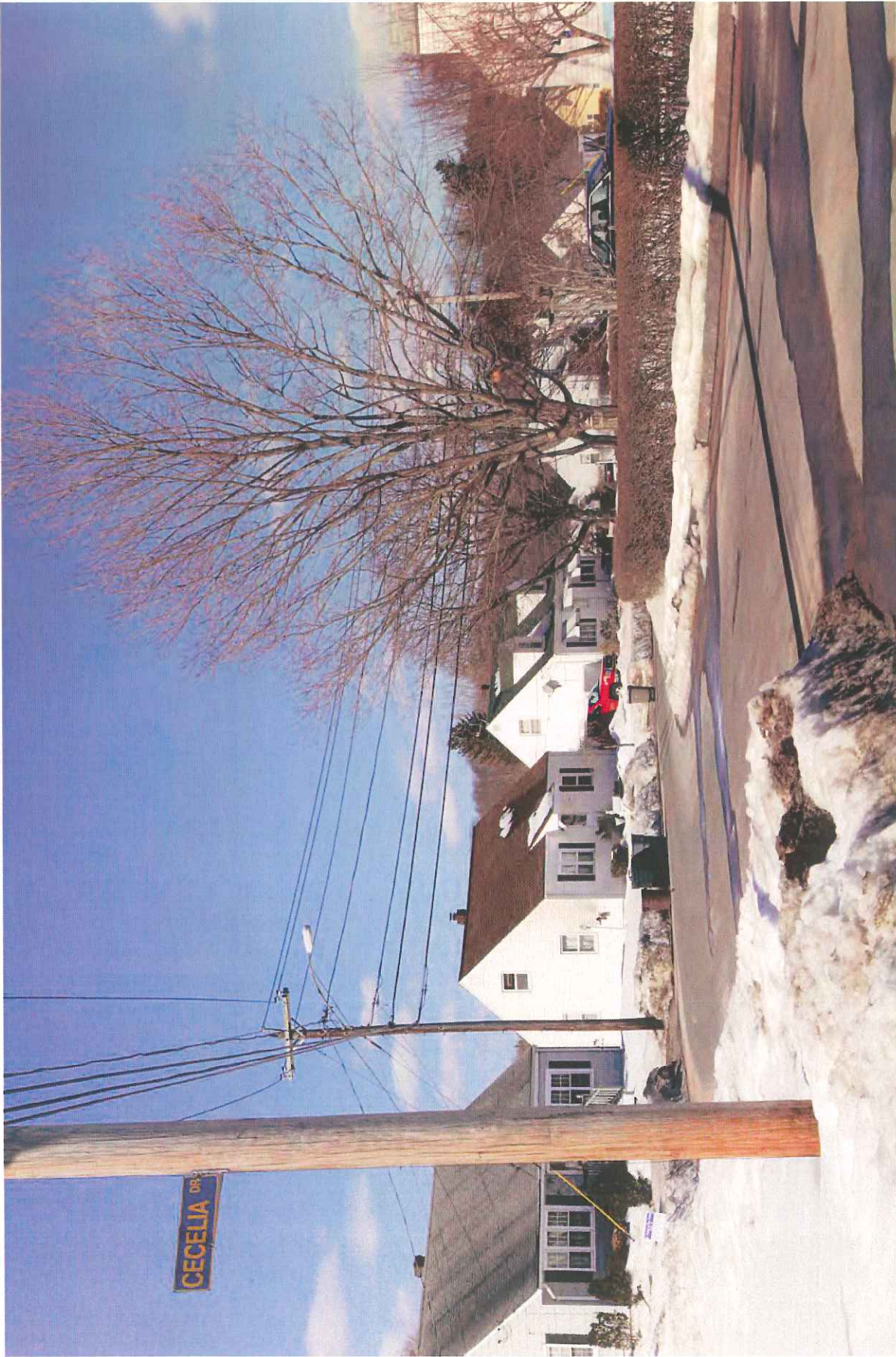


PHOTOGRAPHIC SIMULATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
26	INTERSECTION OF GLENMORE DRIVE AND WARWICK LANE	EAST	0.61 MILES +/-	SEASONAL

PHOTOGRAPHIC DOCUMENTATION

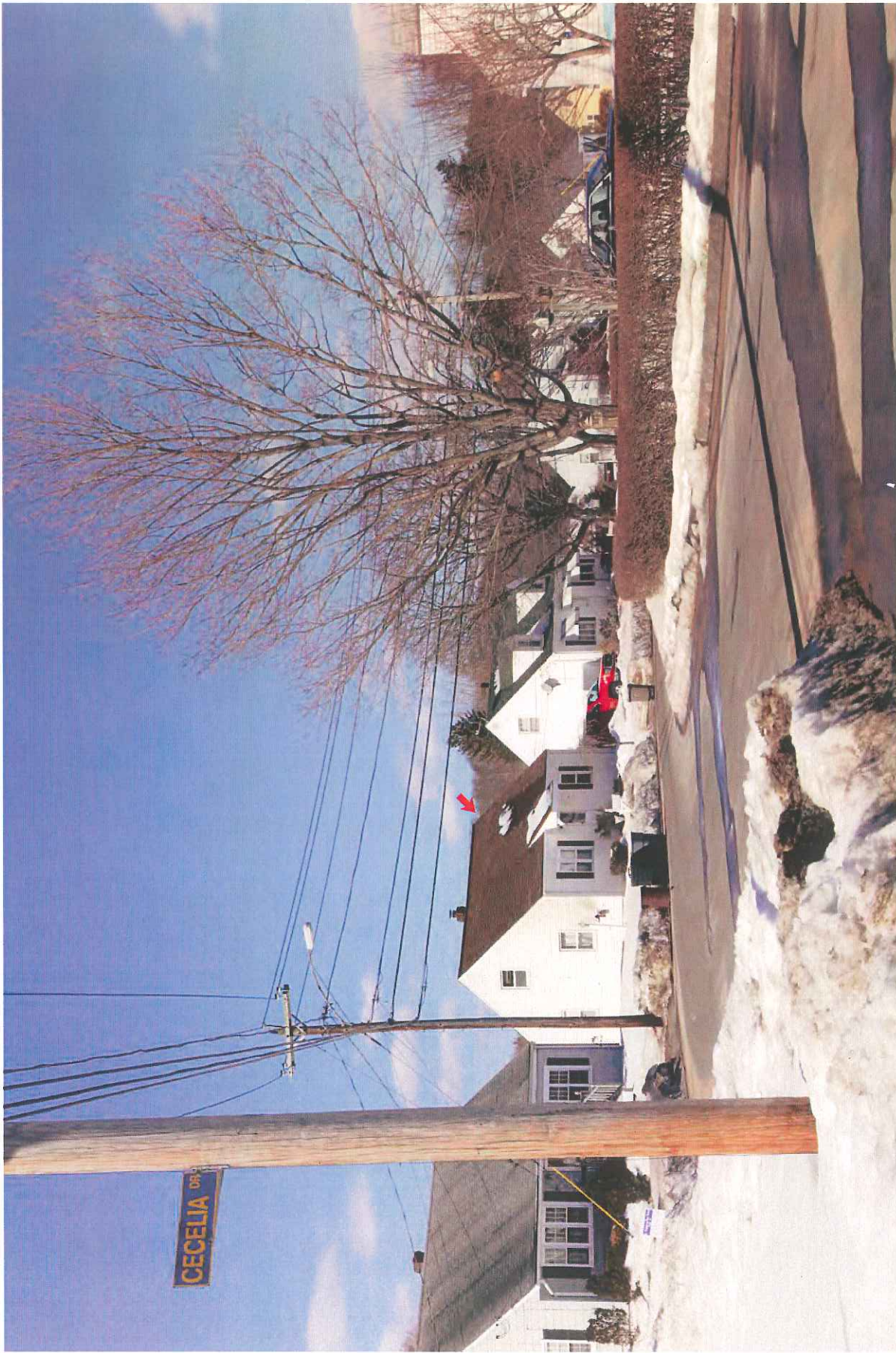


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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
27	INTERSECTION OF CECELIA DRIVE AND NICHOLAS DRIVE	EAST	0.37 MILES +/-	SEASONAL



PHOTOGRAPHIC SIMULATION



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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
27	INTERSECTION OF CECELIA DRIVE AND NICHOLAS DRIVE	EAST	0.37 MILES +/-	SEASONAL



PHOTOGRAPHIC DOCUMENTATION

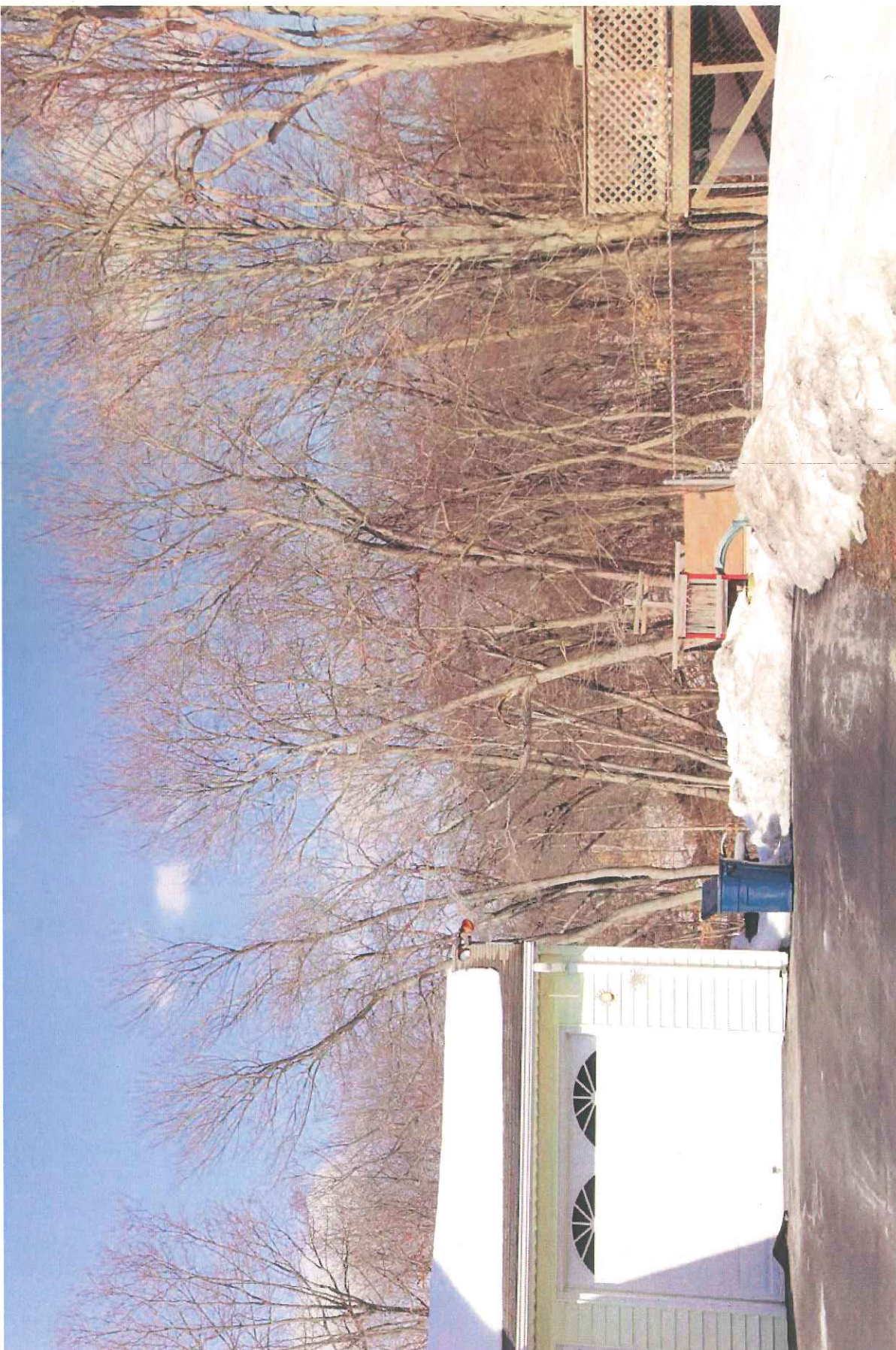


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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
28	KENNEDY MEMORIAL FIELD ENTRANCE	SOUTHEAST	0.27 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION

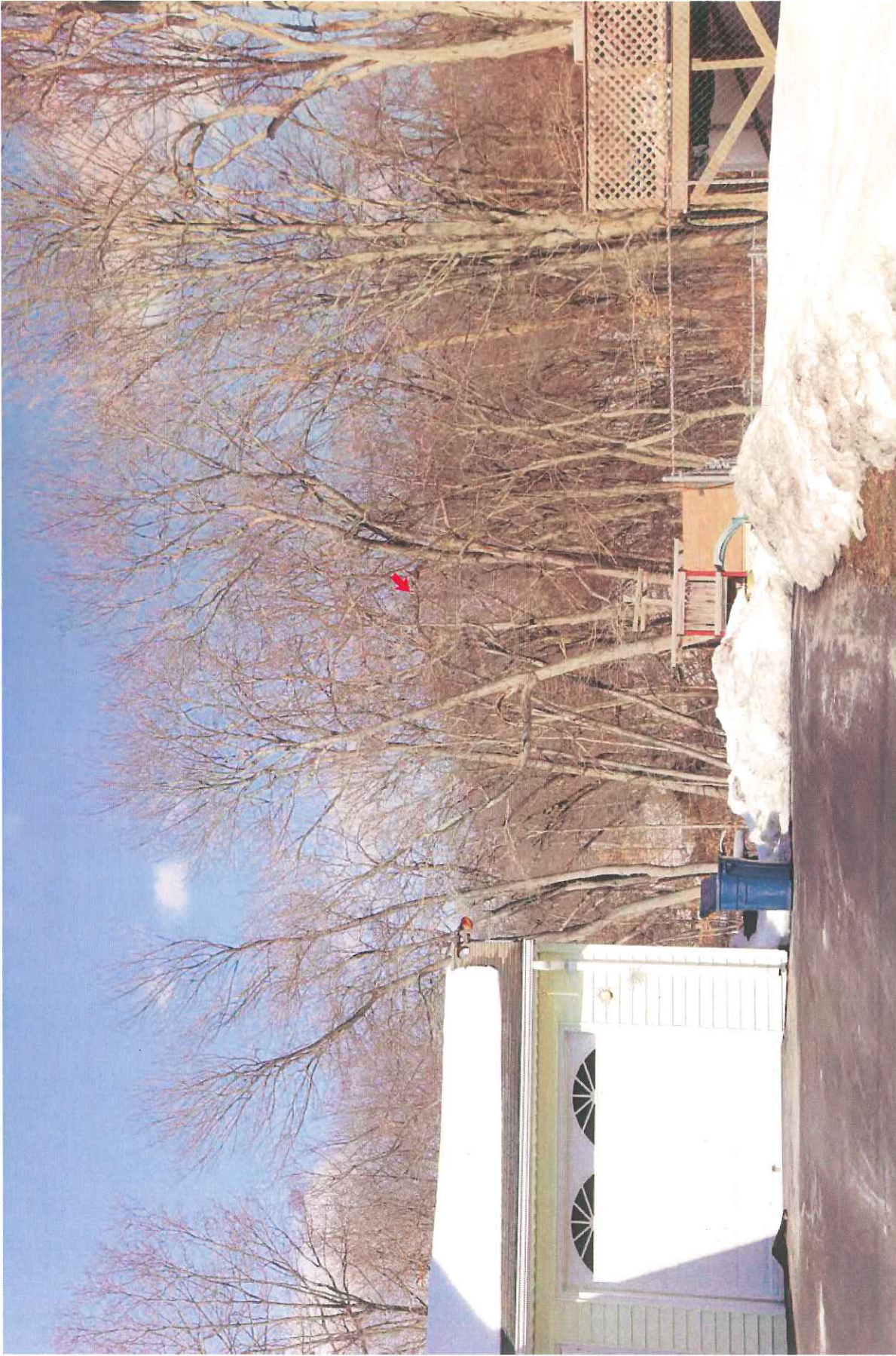


VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
29	ADJACENT TO 36 MAPLEVALE ROAD	SOUTHEAST	0.20 MILES +/-	SEASONAL



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PHOTOGRAPHIC SIMULATION



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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
29	ADJACENT TO 36 MAPLEVALE ROAD	SOUTHEAST	0.20 MILES +/-	SEASONAL



PHOTOGRAPHIC DOCUMENTATION

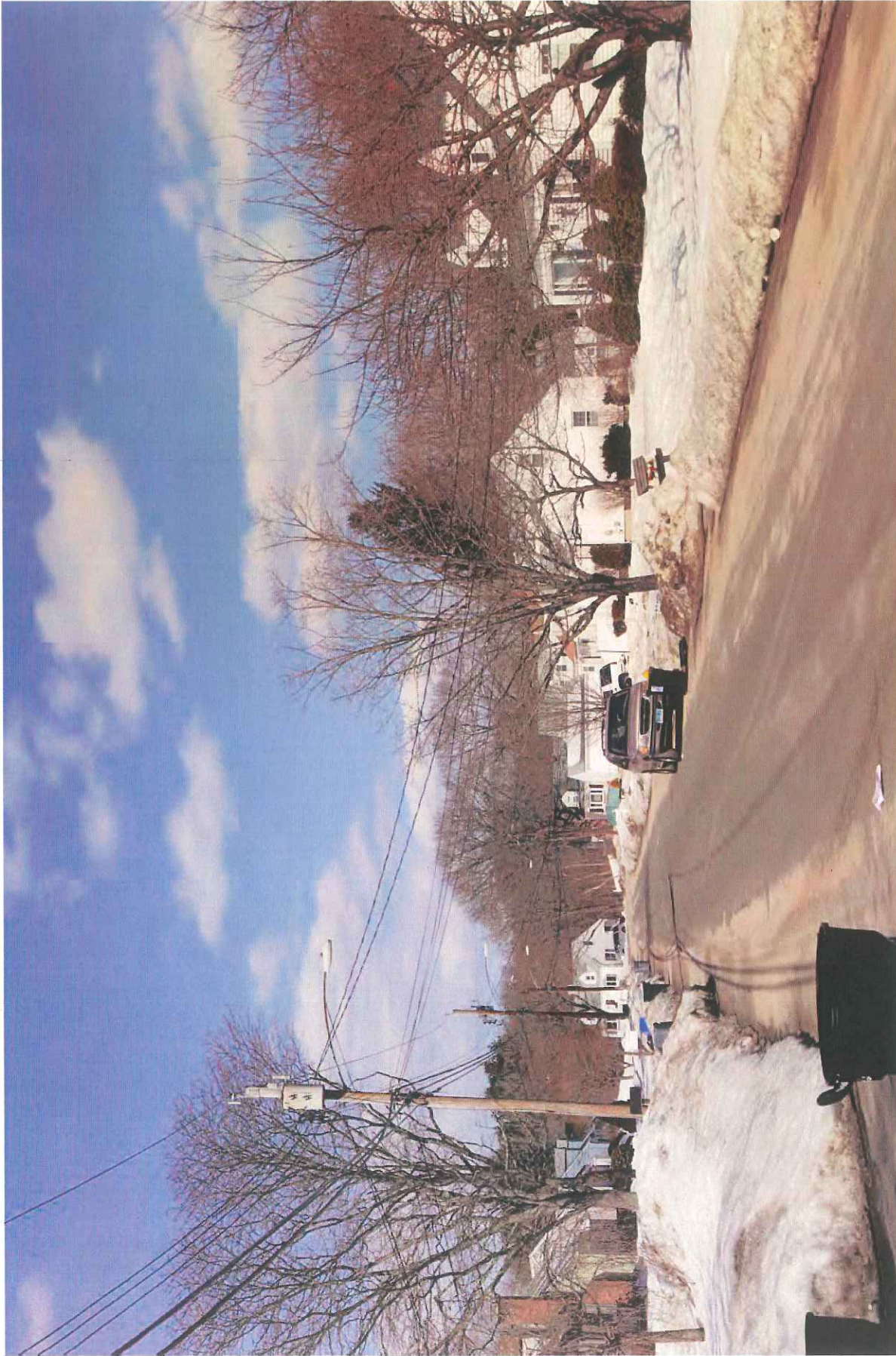


VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
30	HAYES SCHOOL	SOUTHEAST	0.45 MILES +/-	NONE



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PHOTOGRAPHIC DOCUMENTATION

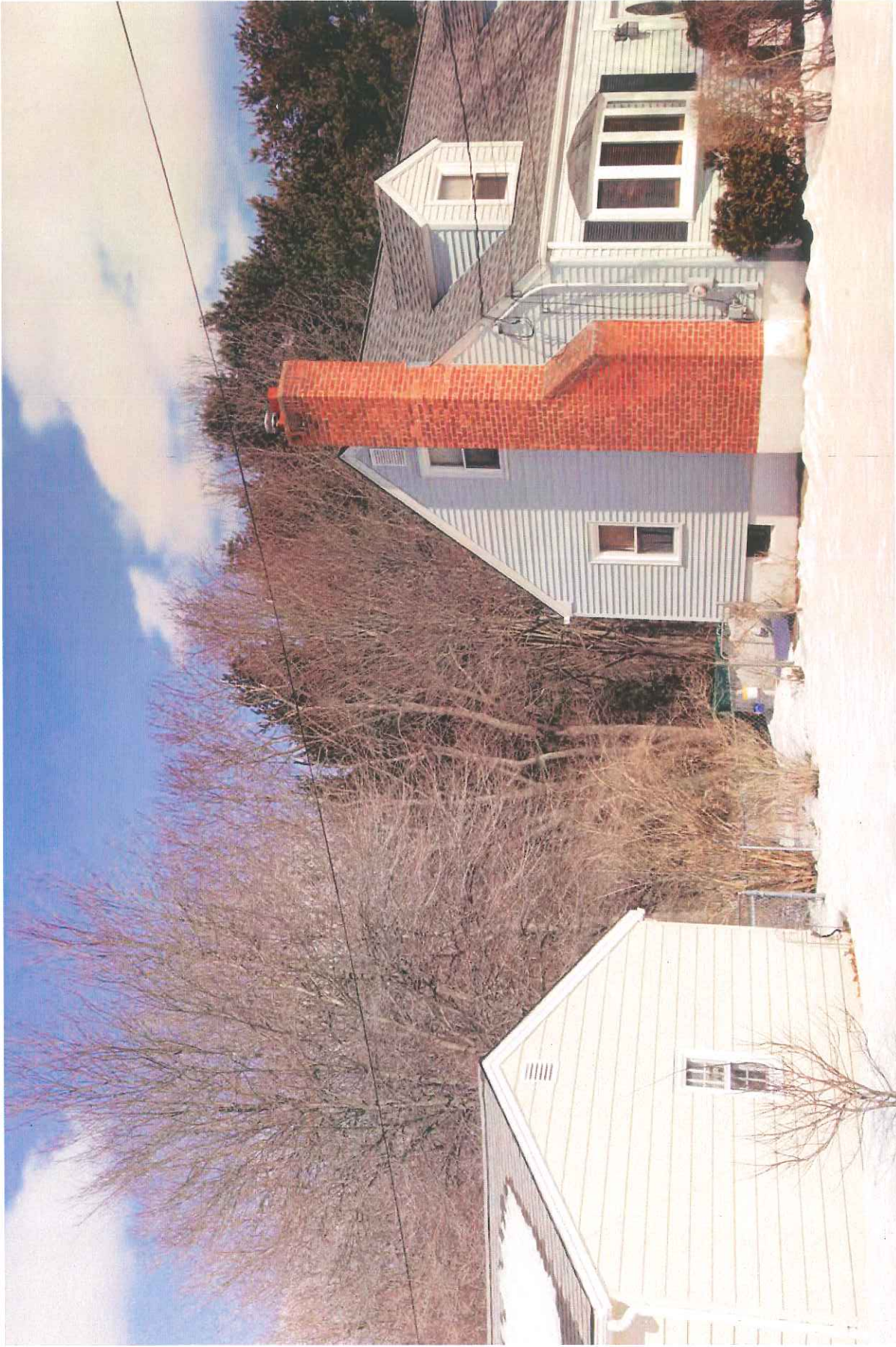


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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
31	INTERSECTION OF DAVID DRIVE AND DEMETER DRIVE	SOUTHEAST	0.56 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
32	INTERSECTION OF DAVID DRIVE AND LYNN COURT	SOUTH	0.37 MILES +/-	NONE



VIII

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PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
33	INTERSECTION OF HELLSTROM ROAD AND ELLEN PLACE	SOUTH	0.73 MILES +/-	NONE

PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
34	ADJACENT TO 45 HELLSTROM ROAD	SOUTH	1.10 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
35	ADJACENT TO 93 SUNSET ROAD	SOUTH	1.48 MILES +/-	SEASONAL



PHOTOGRAPHIC SIMULATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
35	ADJACENT TO 93 SUNSET ROAD	SOUTH	1.48 MILES +/-	SEASONAL



PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
36	ADJACENT TO 32 WILLOW ROAD	SOUTH	1.26 MILES +/-	NONE



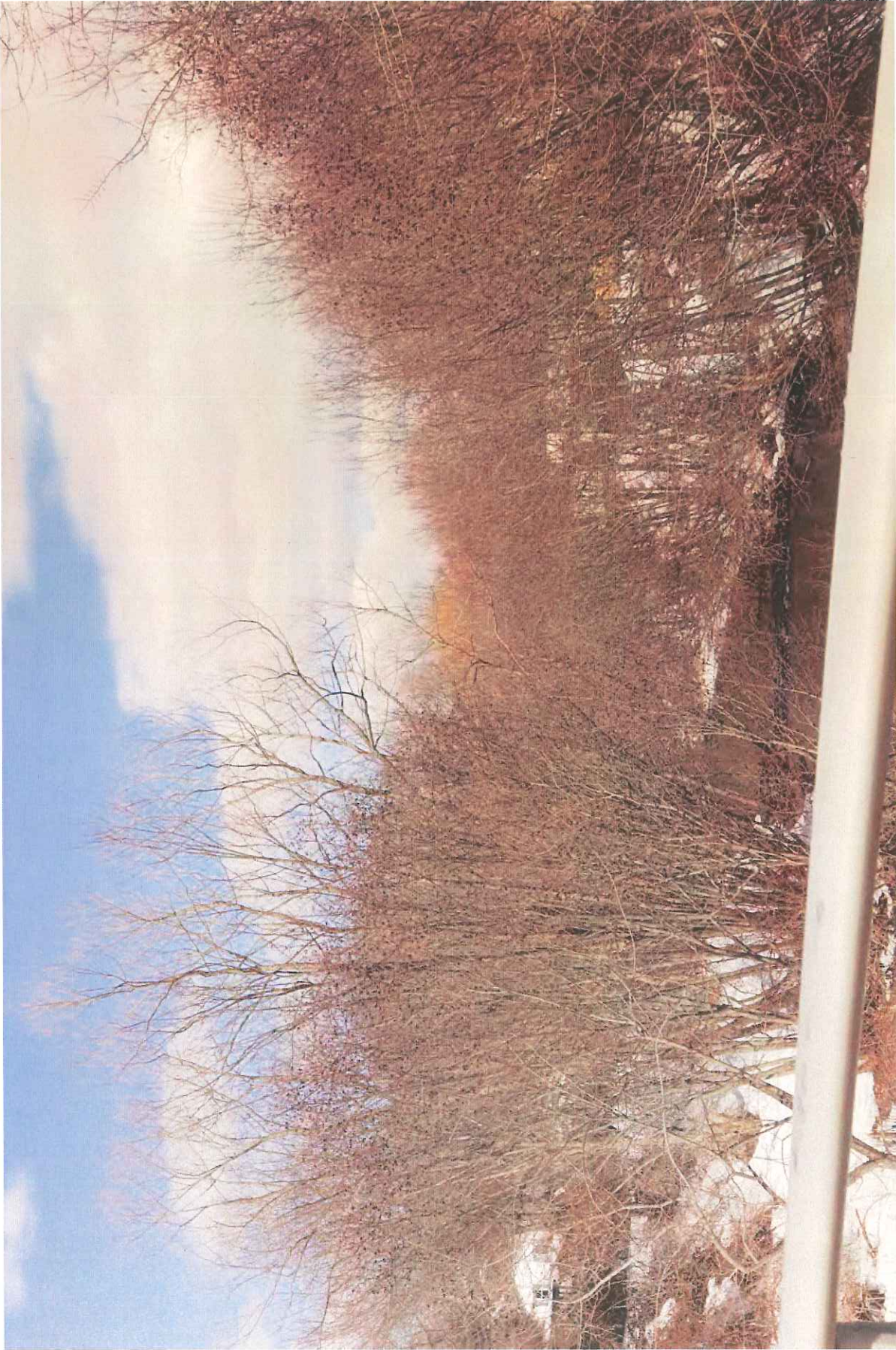
PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
37	INTERSECTION OF HELLSTROM ROAD AND VAN HORN DRIVE	SOUTH	1.10 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION

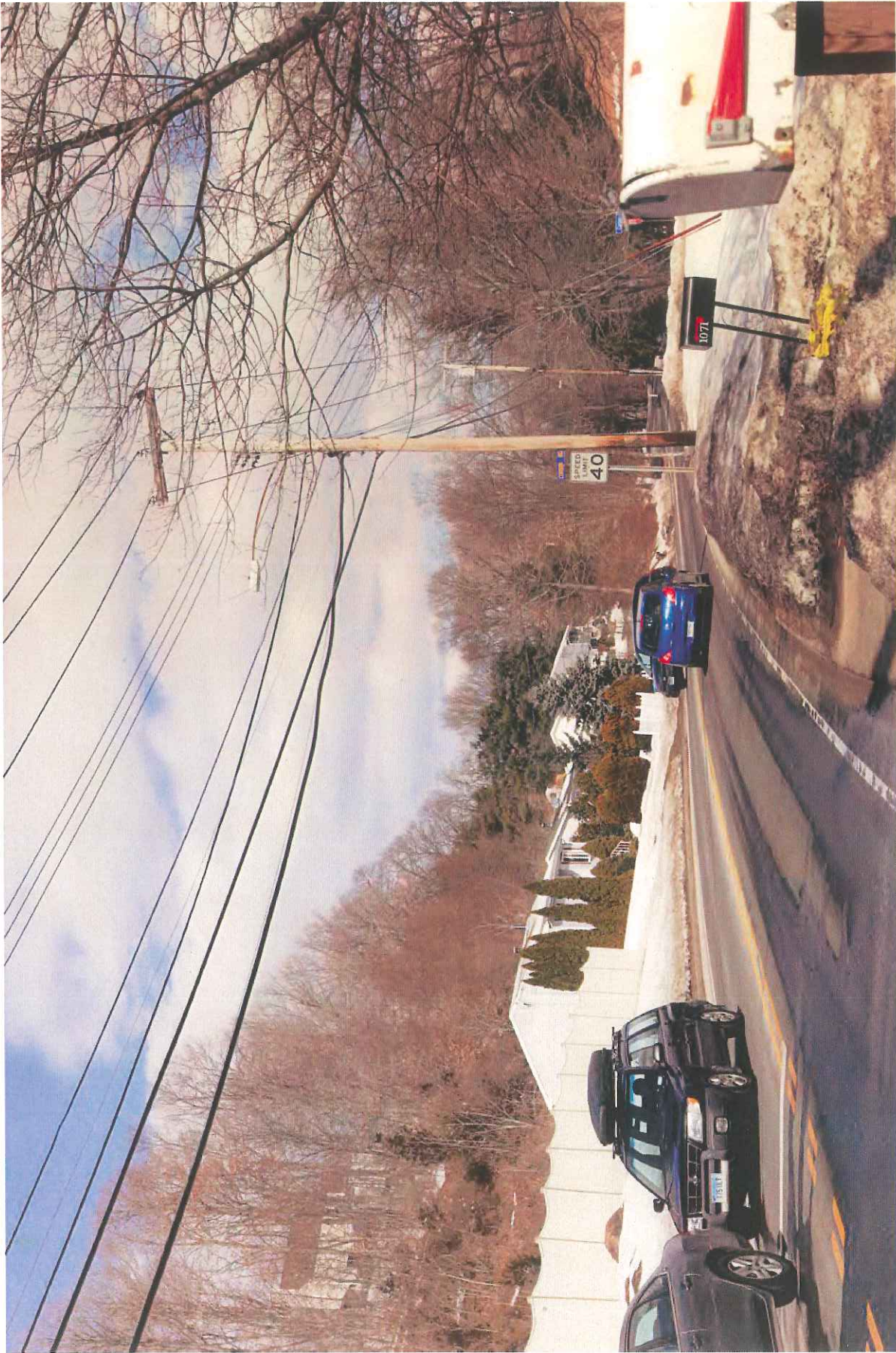


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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
38	ADJACENT TO 160 HELLSTROM ROAD	SOUTH	0.64 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
39	INTERSECTION OF NORTH HIGH STREET AND MILL STREET	SOUTH	0.52 MILES +/-	NONE



\\hbrpqm\middle\down\1502.66\graphics\FIG\PE\East Haven Photos\m.indd

PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
41	ADJACENT TO 84 GREEN STREET	WEST	0.48 MILES +/-	YEAR-ROUND



PHOTOGRAPHIC SIMULATION

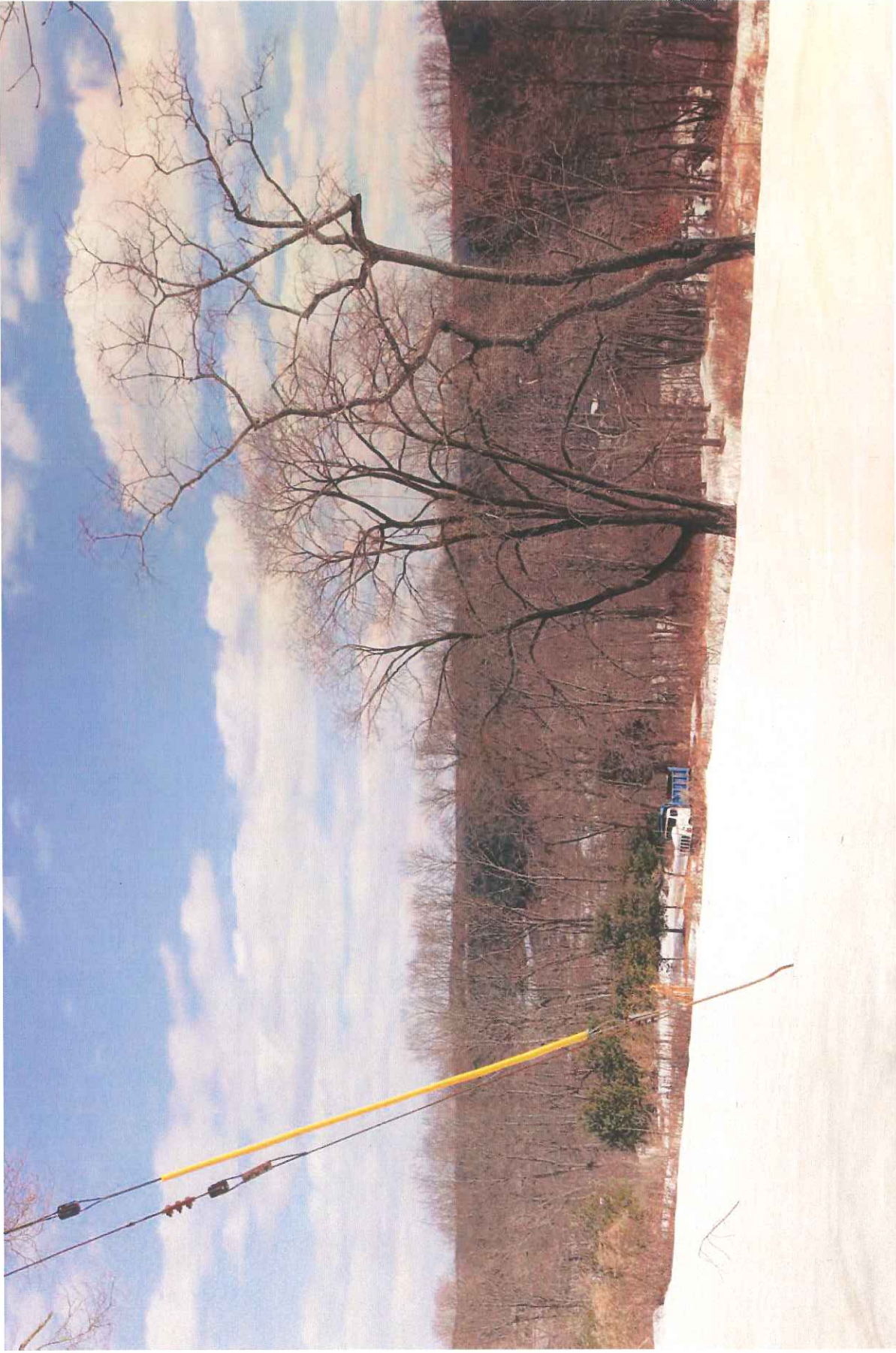


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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
41	ADJACENT TO 84 GREEN STREET	WEST	0.48 MILES +/-	YEAR-ROUND



PHOTOGRAPHIC DOCUMENTATION

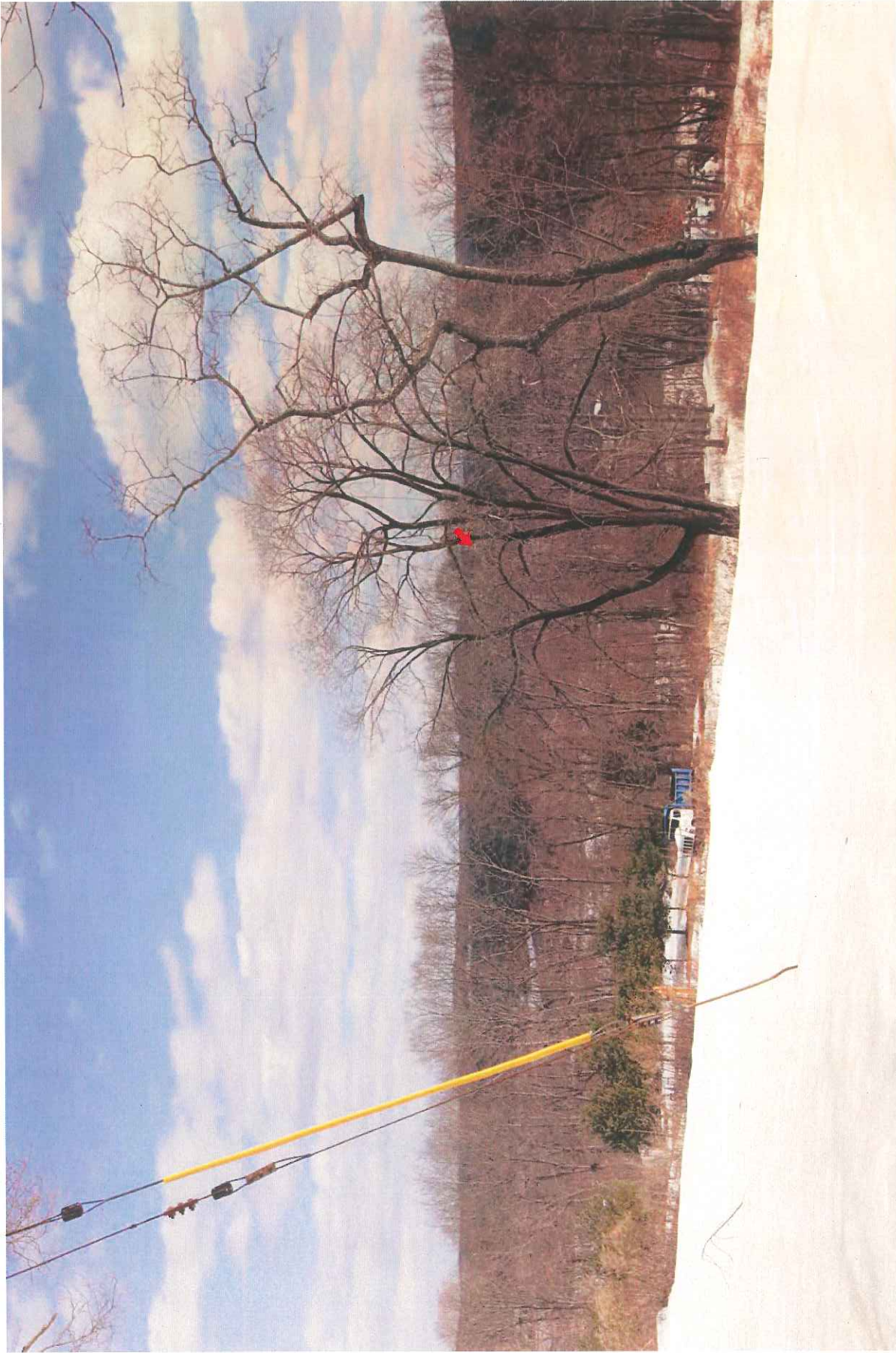


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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
42	INTERSECTION OF GREEN STREET AND STRONG STREET	SOUTHWEST	0.53 MILES +/-	SEASONAL



PHOTOGRAPHIC DOCUMENTATION



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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
42	INTERSECTION OF GREEN STREET AND STRONG STREET	SOUTHWEST	0.53 MILES +/-	SEASONAL



PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
43	ADJACENT TO 260 ANGELA DRIVE	SOUTHWEST	0.86 MILES +/-	SEASONAL



PHOTOGRAPHIC SIMULATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
43	ADJACENT TO 260 ANGELA DRIVE	SOUTHWEST	0.86 MILES +/-	SEASONAL



\\hpro\Middletown\1502.BE\graphics\FIGURES\East Haven Photosim.indd

PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
44	INTERSECTION OF RUSSO AVENUE AND JOHN STREET	SOUTHWEST	0.93 MILES +/-	NONE

PHOTOGRAPHIC DOCUMENTATION



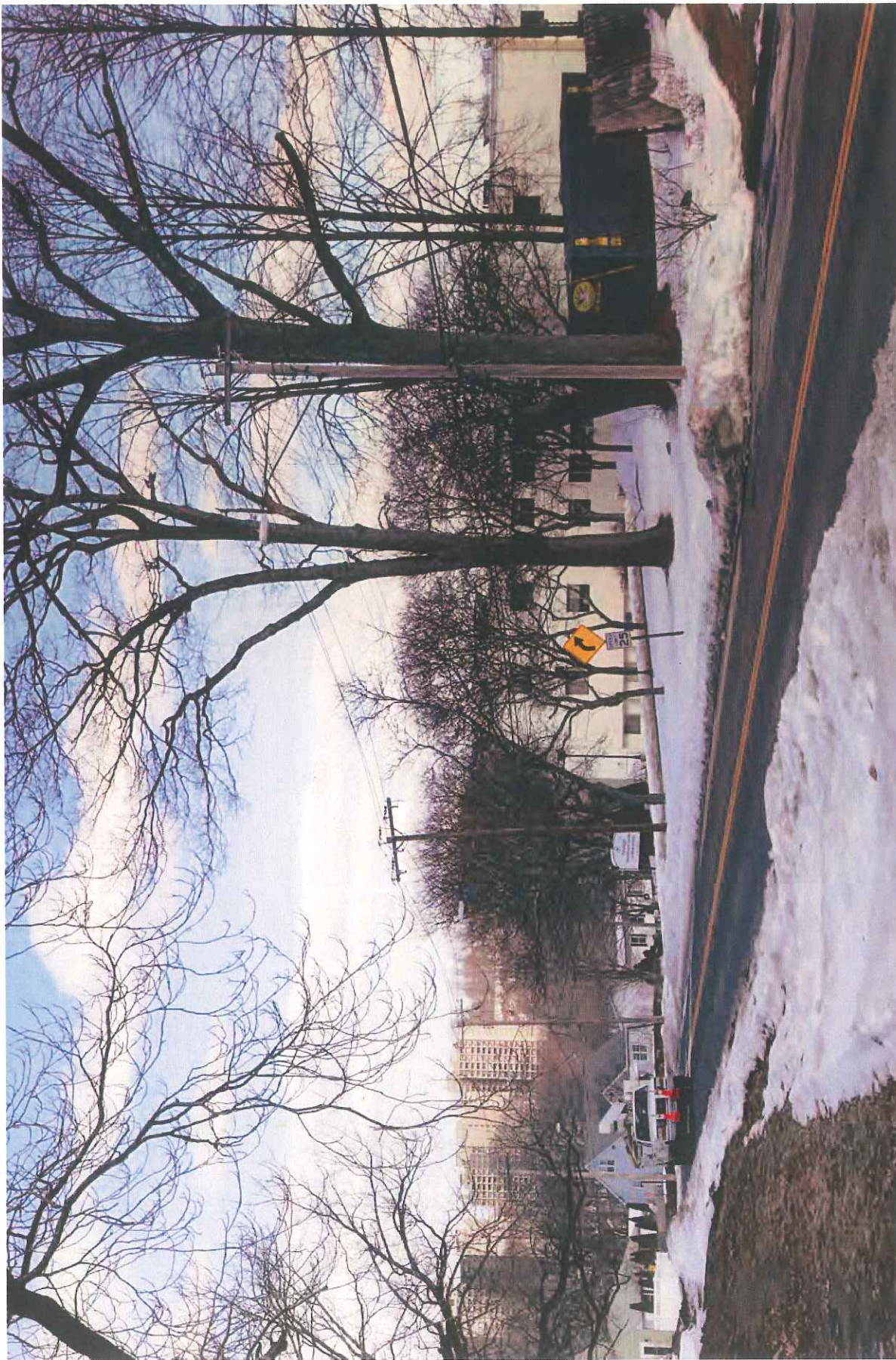
VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
45	INTERSECTION OF FOXON ROAD AND FOXON BOULEVARD	WEST	0.84 MILES +/-	NONE

PHOTOGRAPHIC DOCUMENTATION



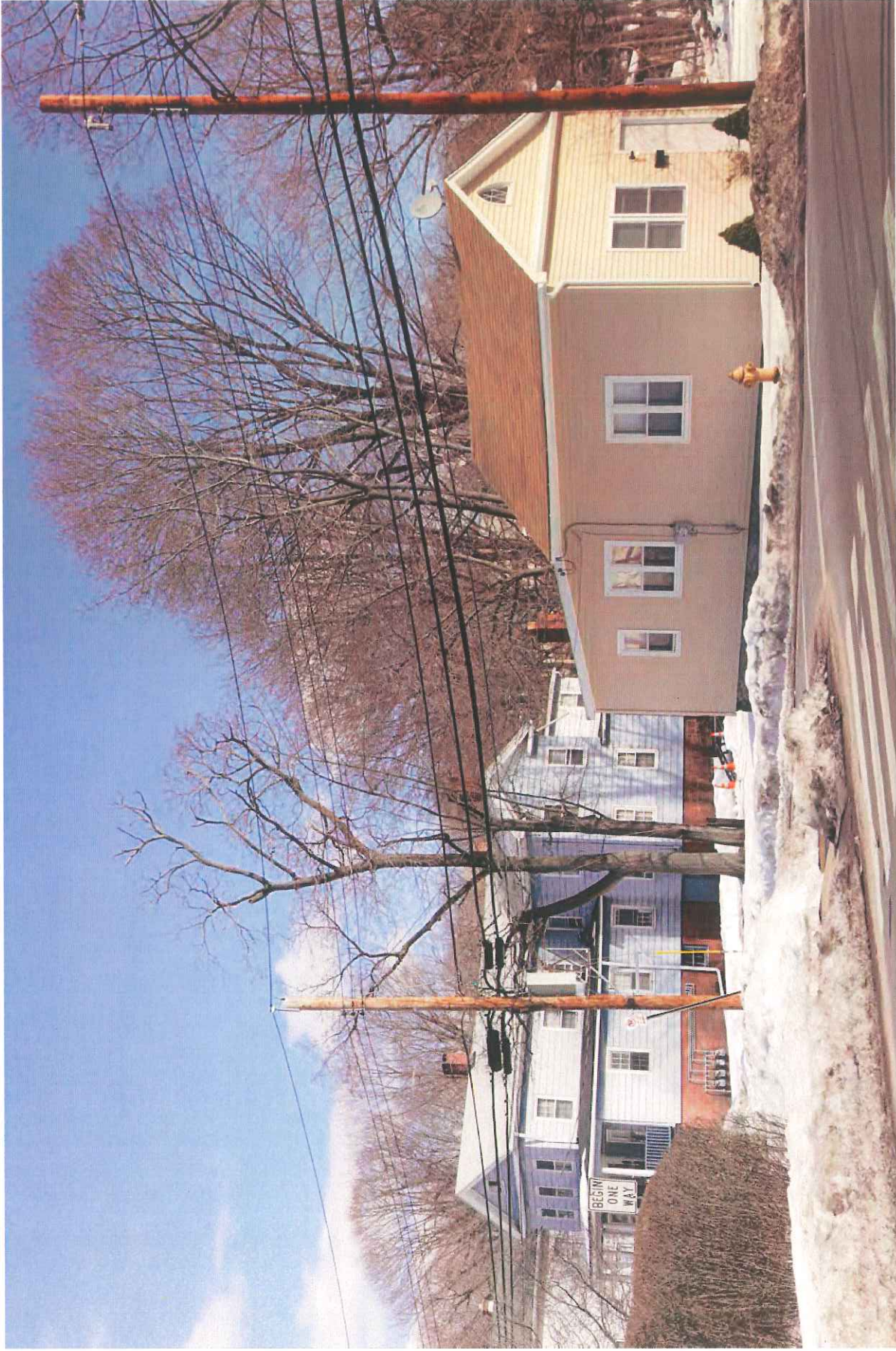
VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
46	INTERSECTION OF LAUREL STREET AND VENICE PLACE	SOUTHWEST	1.74 MILES +/-	NONE

PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
47	ADJACENT TO FAIRMONT PARK ON CLIFTON STREET	SOUTHWEST	1.92 MILES +/-	NONE

PHOTOGRAPHIC DOCUMENTATION



Webp:\MiddleLevel\w\1502.66\graphics\FIGURES\East Haven Photos\m.Indd

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
48	QUINNIPIAC RIVER HISTORIC DISTRICT, INTERSECTION OF EAST GRAND AVENUE AND LENOX STREET	SOUTHWEST	2.19 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION



\\whipro\middletown\1502.66\graphics\FIG\FES\East Haven_Photos\m.indd

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
49	INTERSECTION OF QUINNIAC AVENUE AND FOXON BOULEVARD	WEST	1.37 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION

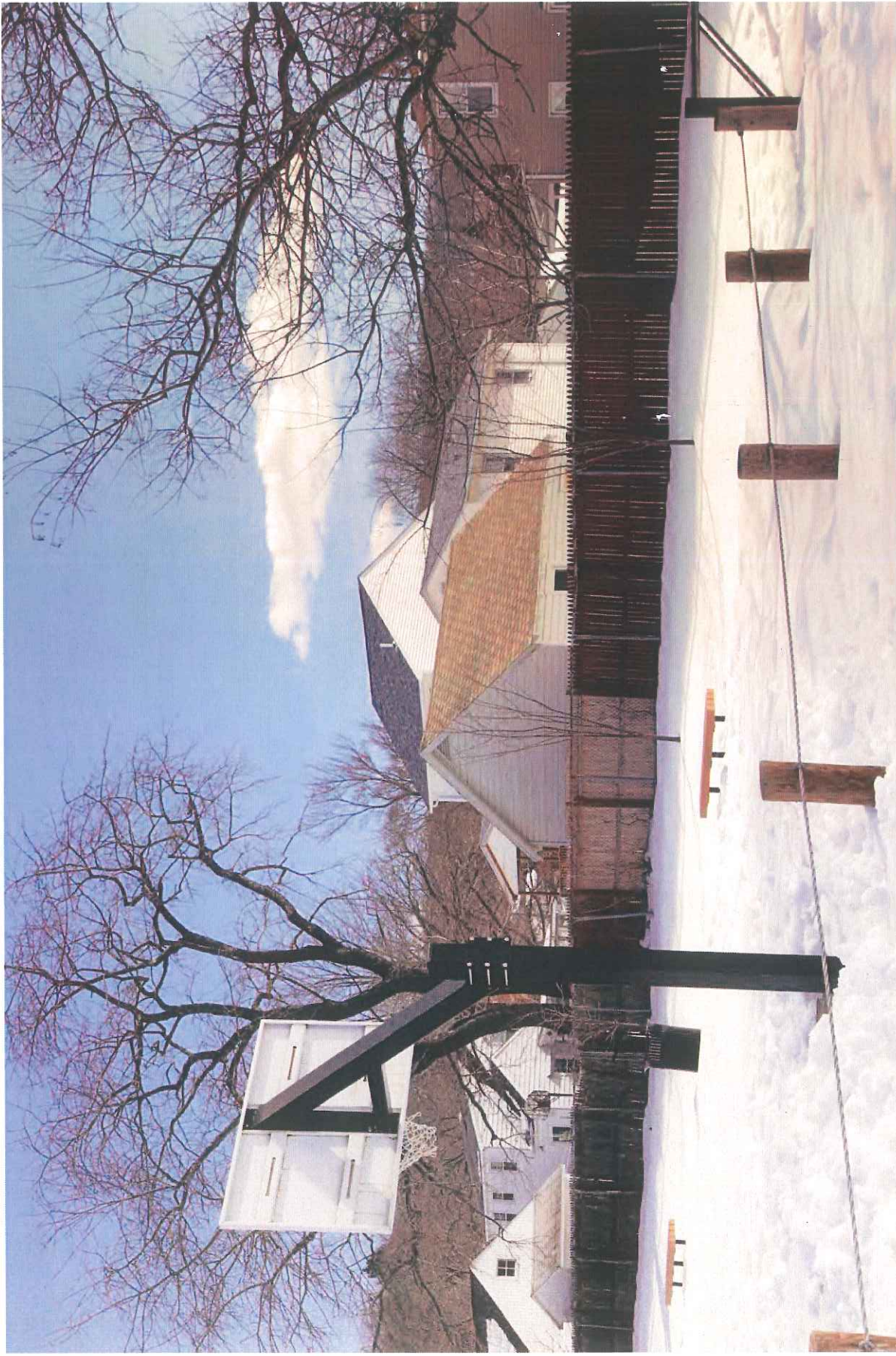


\\hbproj\middle\town\41502_66\graphics\FIGURES\East Haven Photos\m.indd

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
50	BETSY ROSS SCHOOL	WEST	1.61 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
51	MIDDLETOWN AVENUE PARK	NORTHWEST	1.50 MILES +/-	NONE



PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
52	INTERSECTION OF MIDDLETOWN AVENUE AND QUINNIPIAC AVENUE	NORTHWEST	1.59 MILES +/-	NONE





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Antenna Structure Registration

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[FCC Site Map](#)

TOWAIR Determination Results

[? HELP](#)

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A routine check of the coordinates, heights, and structure type you provided indicates that this structure does not require registration.

*** NOTICE ***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results

PASS SLOPE(100:1): NO FAA REQ-RWY MORE THAN 10499 MTRS & 6587.64 MTRS (6.58760 KM) AWAY

Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	41-16-17.00N	072-53-14.00W	TWEED NEW HAVEN	NEW HAVEN, CT	1.4	1706.9000000000001

PASS SLOPE(100:1): NO FAA REQ-RWY MORE THAN 10499 MTRS & 7142.68 MTRS (7.14269 KM) AWAY

Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	41-16-1.00N	072-53-25.00W	TWEED NEW HAVEN	NEW HAVEN, CT	1.4	1706.9000000000001

Your Specifications

NAD83 Coordinates

Latitude 41-19-19.0 north

Longitude 072-50-45.8 west

Measurements (Meters)

Overall Structure Height (AGL) 23.5

Support Structure Height (AGL) 9.6

Site Elevation (AMSL) 31.4

Structure Type

BTWR - Building with Tower

Tower Construction Notifications

Notify Tribes and Historic Preservation Officers of your plans to build a tower.

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Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Phone: 1-877-480-3201
TTY: 1-717-338-2824
[Submit Help Request](#)

* Federal Airways & Airspace *
* Summary Report: Alteration Of Existing Structure *
* Non-Antenna Structure *

Airspace User: Not Identified

File: CT2437

Location: New Haven, CT
Distance: 4.1 Statute Miles
Direction: 258° (true bearing)

Latitude: 41°-19'-19.0" Longitude: 72°-50'-45.8"

SITE ELEVATION AMSL.....103 ft.
STRUCTURE HEIGHT..... 77 ft.
OVERALL HEIGHT AMSL.....180 ft.

NOTICE CRITERIA

- FAR 77.9(a): NNR (DNE 200 ft AGL)
- FAR 77.9(b): NNR (DNE Notice Slope)
- FAR 77.9(c): NNR (Not a Traverse Way)
- FAR 77.9: NNR FAR 77.9 IFR Straight-In Notice Criteria for HVN
- FAR 77.9: NNR FAR 77.9 IFR Straight-In Notice Criteria for MMK
- FAR 77.9(d): NNR (Off Airport Construction)

NR = Notice Required
NNR = Notice Not Required
PNR = Possible Notice Required (depends upon actual IFR procedure)
For new construction review Air Navigation Facilities at bottom of this report.

If the proposed construction is an alteration to an existing structure, notice requirements may be superseded by the item exemptions listed below.

The location and analysis were based upon an existing structure. However, no existing aeronautical study number was identified. If the 'existing' structure penetrates an obstruction surface defined by CFR 77.17, 77.19, 77.21 or 77.23 (see below) it is strongly recommended the FAA be notified of the 'existing' structure to determine obstruction marking or lighting requirements. It is not uncommon for the FAA to issue a Determination of No Hazard (DNH) for an existing structure and modify the airspace to accommodate the structure, should that be required. If the FAA issues a DNH enter the aeronautical study number (ASN) in the space provided on the Airspace Analysis Window Form and re-run Airspace.

No frequencies were identified in this alteration are included in the

FAA's

Co-Location Policy published in the Federal Register November 15, 2007. Therefore, application of the Co-Location Policy notice exemption rule can

not be applied.

OBSTRUCTION STANDARDS

- FAR 77.17(a)(1): DNE 499 ft AGL
- FAR 77.17(a)(2): DNE - Airport Surface
- FAR 77.19(a): DNE - Horizontal Surface
- FAR 77.19(b): DNE - Conical Surface
- FAR 77.19(c): DNE - Primary Surface
- FAR 77.19(d): DNE - Approach Surface
- FAR 77.19(e): DNE - Transitional Surface

VFR TRAFFIC PATTERN AIRSPACE FOR: HVN: TWEED-NEW HAVEN

Type: A RD: 21612.23 RE: 12.3

- FAR 77.17(a)(1): DNE
- FAR 77.17(a)(2): DNE - Height No Greater Than 200 feet AGL.
- VFR Horizontal Surface: DNE
- VFR Conical Surface: DNE
- VFR Approach Slope: DNE
- VFR Transitional Slope: DNE

VFR TRAFFIC PATTERN AIRSPACE FOR: MMK: MERIDEN MARKHAM MUNI

Type: A RD: 66772.24 RE: 98.6

- FAR 77.17(a)(1): DNE
- FAR 77.17(a)(2): Does Not Apply.
- VFR Horizontal Surface: DNE
- VFR Conical Surface: DNE
- VFR Approach Slope: DNE
- VFR Transitional Slope: DNE

TERPS DEPARTURE PROCEDURE (FAA Order 8260.3, Volume 4)

- FAR 77.17(a)(3) Departure Surface Criteria (40:1)
- DNE Departure Surface

MINIMUM OBSTACLE CLEARANCE ALTITUDE (MOCA)

- FAR 77.17(a)(4) MOCA Altitude Enroute Criteria
- The Maximum Height Permitted is 500 ft AMSL

PRIVATE LANDING FACILITIES

FACIL IDENT TYP NAME	BEARING To FACIL	RANGE IN NM	DELTA ARP FAA ELEVATION IFR
CT34 HEL USSC/NORTH HAVEN No Impact to Private Landing Facility Structure is beyond notice limit by 3507 feet.	314.67	1.4	+168
CT84 HEL PARTYKA CHEVROLET No Impact to Private Landing Facility Structure is beyond notice limit by 20459 feet.	317.64	4.19	+130
1CT2 HEL YALE NEW HAVEN HOSPITAL No Impact to Private Landing Facility	255.04	4.2	-39

Structure 0 ft below heliport.

CT40 HEL BOB THOMAS FORD 311.72 4.31 +100
 No Impact to Private Landing Facility
 Structure is beyond notice limit by 21188 feet.

AIR NAVIGATION ELECTRONIC FACILITIES

APCH	FAC	ST	DIST	DELTA	GRND				
ANGLE	IDNT	TYPE	AT	FREQ	VECTOR	(ft)	ELEVA	ST	LOCATION
BEAR	-----								
.45	HVN 16	LOCALIZER	I	109.1	212.77	20791	+162	CT	RWY 02 TWEED-NEW
.22	HVN	ATCT	ON	A/G	207.5	23085	+89	CT	TWEED-NEW HAVEN
.41	HVN	VOR/DME	R	109.8	206.31	24243	+174	CT	NEW HAVEN
-.05	MAD	VOR/DME	R	110.4	94.05	42378	-40	CT	MADISON
-.29	JWE	NDB	I	36	286.84	76389	-391	CT	CLERA
.10	BDR	VOR/DME	R	108.8	232.41	96522	+171	CT	BRIDGEPORT
-.27	HFD	VOR/DME	R	114.9	35.04	142193	-669	CT	HARTFORD
.04	CCC	VOR/DME	R	117.2	174.82	143538	+95	NY	CALVERTON
-.01	OKX	RADAR WXL	Y		181.69	166367	-41	NY	BRENTWOOD
-.06	QVH	RADAR ARSR	Y	1326.9	164.89	167324	-171	NY	RIVERHEAD
.04	FOK	TACAN	R	NA	161.56	186039	+130	NY	SUFFOLK CO
0.00	ISP	RADAR	ON	2735.	200.03	200012	-2	NY	LONG ISLAND MacAR
-.15	CMK	VOR/DME	I	116.6	265.44	202607	-514	NY	CARMEL
.04	HTO	VORTAC	I	113.6	135.36	206957	+158	NY	HAMPTON
-.01	BDL	RADAR	ON		11.2	229090	-56	CT	BRADLEY INTL

FCC AM PROOF-OF-PERFORMANCE

NOT REQUIRED: Structure is not near a FCC licensed AM radio station Proof-of-Performance is not required. Please review AM Station Report for details.

Nearest AM Station: WAVZ @ 9236 meters.

Airspace® Summary Version 14.1.350

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02-27-2014
14:41:57



March 4, 2014

Ref 41502.66

Mr. David Osuch
SAI Communications
500 Enterprise Drive
Rocky Hill, CT 0678

Re: Subject: Woodview Associates, Site No. CT 2437 – Desktop Wetland Inspection
1270 North High Street, East Haven, CT

Dear Mr. Osuch,

Vanasse Hangen Brustlin, Inc. (VHB) completed a desktop review to provide a preliminary determination as to whether development of a telecommunication facility would directly impact or indirectly affect wetlands and/or watercourses that may be located at the Site referenced above. The standard practice for these investigations is for a qualified soil scientist to visit the site to identify and delineate the limits of wetlands, then to assess the potential project effects on these resources as regulated under the Connecticut Inland Wetlands and Watercourses Act. Due to current field conditions with frozen ground and substantial snow cover an accurate field evaluation could not be conducted at this time.

A desktop review for this particular project is adequate for evaluating probable effects on existing wetlands because the telecommunication tower and most of the equipment will be installed on the rooftop of an existing three-story building. A backup generator will be installed 10-feet from the building on a concrete pad to be constructed next to an existing parking lot and existing generator. VHB was able to review plans entitled, AT&T CT2437 East Haven, 1270 North High St., East Haven, CT 06512, Site Type: Rooftop Guyed Tower, By SAI and Hudson Design Group last revision date 02/05/2013 to prepare this review.

The desk top review was completed using Web Soil Survey, CTECO Connecticut Environmental Conditions Online, and Google Earth. This review determined:

1. The building where the tower is proposed is situated on a till hill that rises above the floodplain and outwash terrace associated with the Farm River. The Farm River is located approximately 800 feet south of the building across North High Street (AKA CT Route 100).
2. According to soil mapping obtained from Web Soil Survey, the Bash silt loam association (104) is mapped as close as 375 feet southwest of the proposed generator location. This alluvial soil is regulated as wetland under the Connecticut Inland Wetlands and Watercourses Act.
3. Scaling from the CTECO map determined a swale sloping southward west of the building may contain a wetland or watercourse. The proposed generator location is approximately 200 feet east of this swale.

While other wetland resources may be present at locations closer to the tower and generator locations, these new infrastructure are located within the limits of the previously developed site. The generator is to be fueled by natural gas supplied by an existing service line. Provided effective erosion and sedimentation controls are designed, implemented, and maintained to avoid indirect impact to wetlands during construction of the generator pad, the project is unlikely to have any effect on the existing wetland functions and values provided by resource areas that may exist within or near the Site. Therefore, it is the



reviewer's opinion that the proposed activities required to install AT&T telecommunications equipment at CT2437 East Haven as depicted on the referenced Site Plans will not directly or indirectly affect existing wetland resources. A wetland delineation will be completed once site and weather conditions permit to identify the jurisdictional limits of wetlands under the Connecticut Inland Wetlands and Watercourses Act. The proposed work would not however, be subject to Section 404 of the Clean Water Act by the U.S. Army Corps of Engineers New England District.

In addition, since no direct impact to federal wetlands is associated with these project activities and all activities are located within previously developed areas, NO significant change in surface features (e.g., wetland fill, deforestation or water diversion) will likely result in accordance with the National Environmental Policy Act Categorical Exclusion checklist. If you have any questions concerning this matter do not hesitate to call me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jeff Peterson', is written over a horizontal line.

Jeffrey Peterson, CPSS, CPESC
Senior Soil Scientist
Vanasse Hangen Brustlin, Inc.

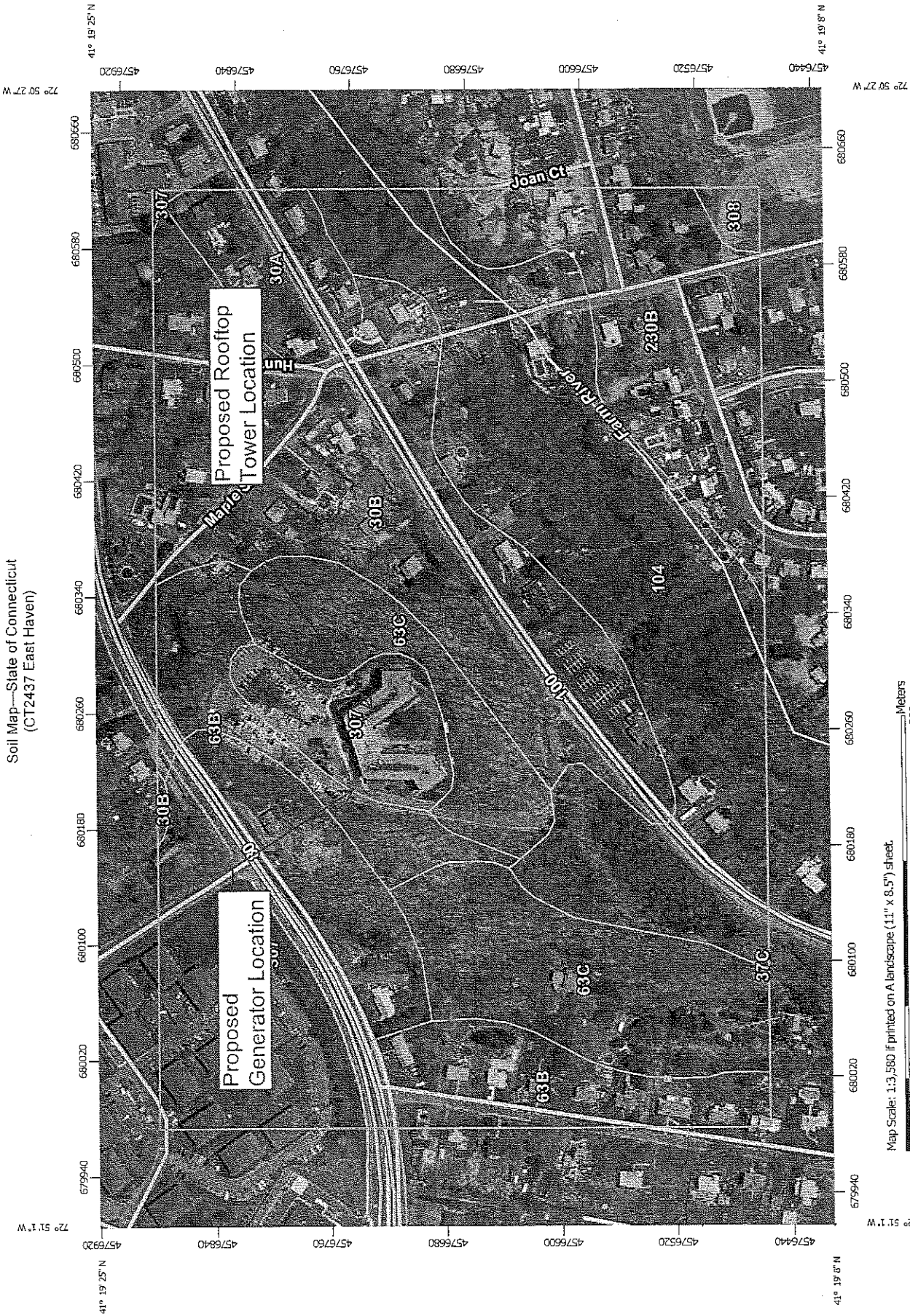
encls.

CT-2437 – 1270 North High Street
East Haven, CT

Aerial photograph for the proposed generator location.



Soil Map—State of Connecticut
(CT2437 East Haven)



Map Scale: 1:3,580 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

	Area of Interest (AOI)		Spoil Area
	Soils		Stony Spot
	Soil Map Unit Polygons		Very Stony Spot
	Soil Map Unit Lines		Wet Spot
	Soil Map Unit Points		Other
	Special Point Features		Special Line Features
	Blowout		Streams and Canals
	Borrow Pit		Transportation
	Clay Spot		Rails
	Closed Depression		Interstate Highways
	Gravel Pit		US Routes
	Gravelly Spot		Major Roads
	Landfill		Local Roads
	Lava Flow		Background
	Marsh or swamp		Aerial Photography
	Mine or Quarry		
	Miscellaneous Water		
	Perennial Water		
	Rock Outcrop		
	Saline Spot		
	Sandy Spot		
	Severely Eroded Spot		
	Sinkhole		
	Slide or Slip		
	Sodic Spot		

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut
Survey Area Data: Version 11, Nov 19, 2013

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

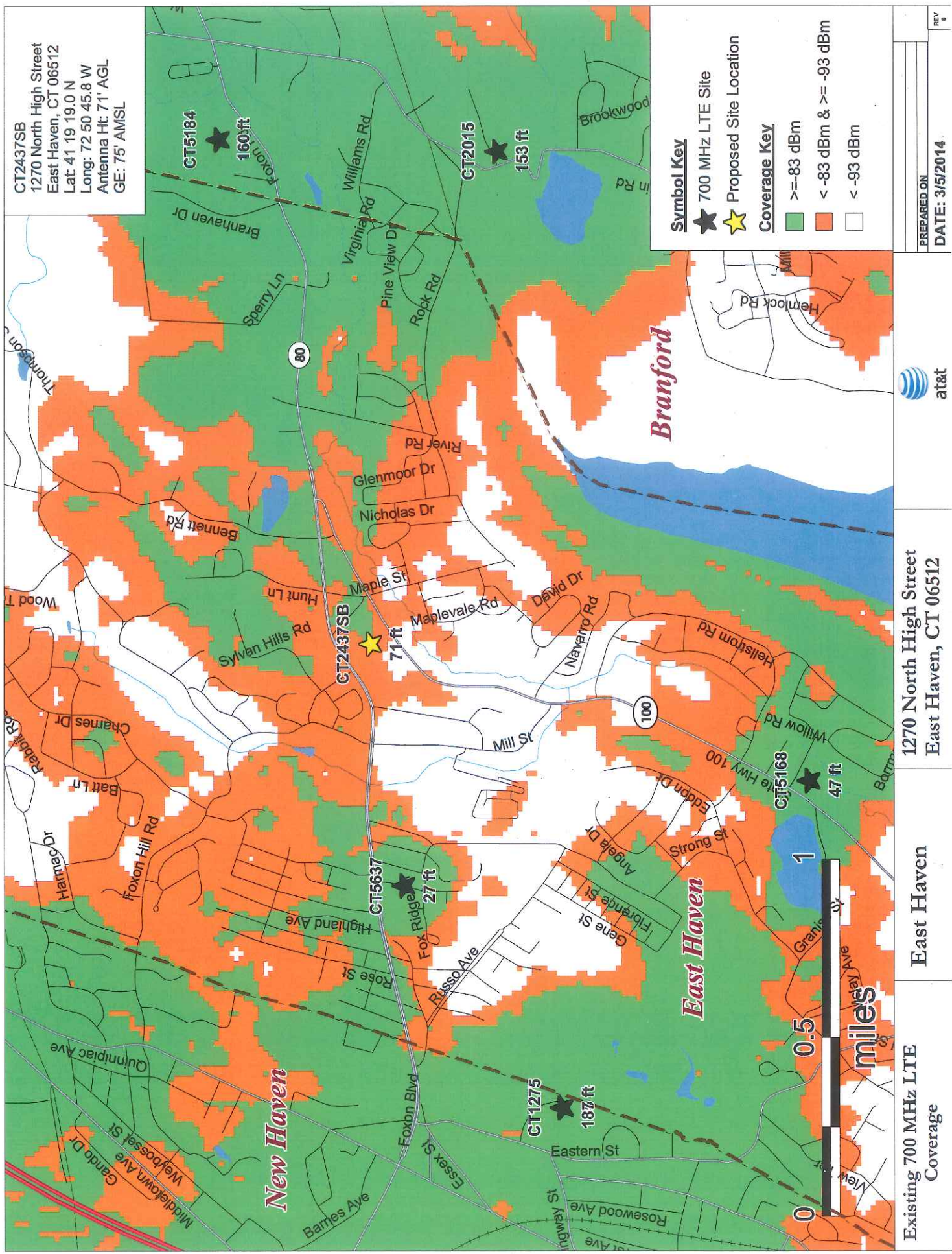
Date(s) aerial images were photographed: Mar 28, 2011—May 12, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

State of Connecticut (CT600)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
30A	Branford silt loam, 0 to 3 percent slopes	2.6	3.8%
30B	Branford silt loam, 3 to 8 percent slopes	13.7	20.2%
37C	Manchester gravelly sandy loam, 3 to 15 percent slopes	0.0	0.0%
63B	Cheshire fine sandy loam, 3 to 8 percent slopes	6.7	9.8%
63C	Cheshire fine sandy loam, 8 to 15 percent slopes	9.5	14.0%
104	Bash silt loam	15.6	22.9%
230B	Branford-Urban land complex, 0 to 8 percent slopes	7.0	10.3%
307	Urban land	12.5	18.4%
308	Udorthents, smoothed	0.4	0.5%
Totals for Area of Interest		68.0	100.0%

CT2437SB
 1270 North High Street
 East Haven, CT 06512
 Lat: 41 19 19.0 N
 Long: 72 50 45.8 W
 Antenna Ht: 71' AGL
 GE: 75' AMSL



Symbol Key
 ★ 700 MHz LTE Site
 ★ Proposed Site Location

Coverage Key
 >=-83 dBm
 <-83 dBm & >=-93 dBm
 <-93 dBm

PREPARED ON
 DATE: 3/5/2014



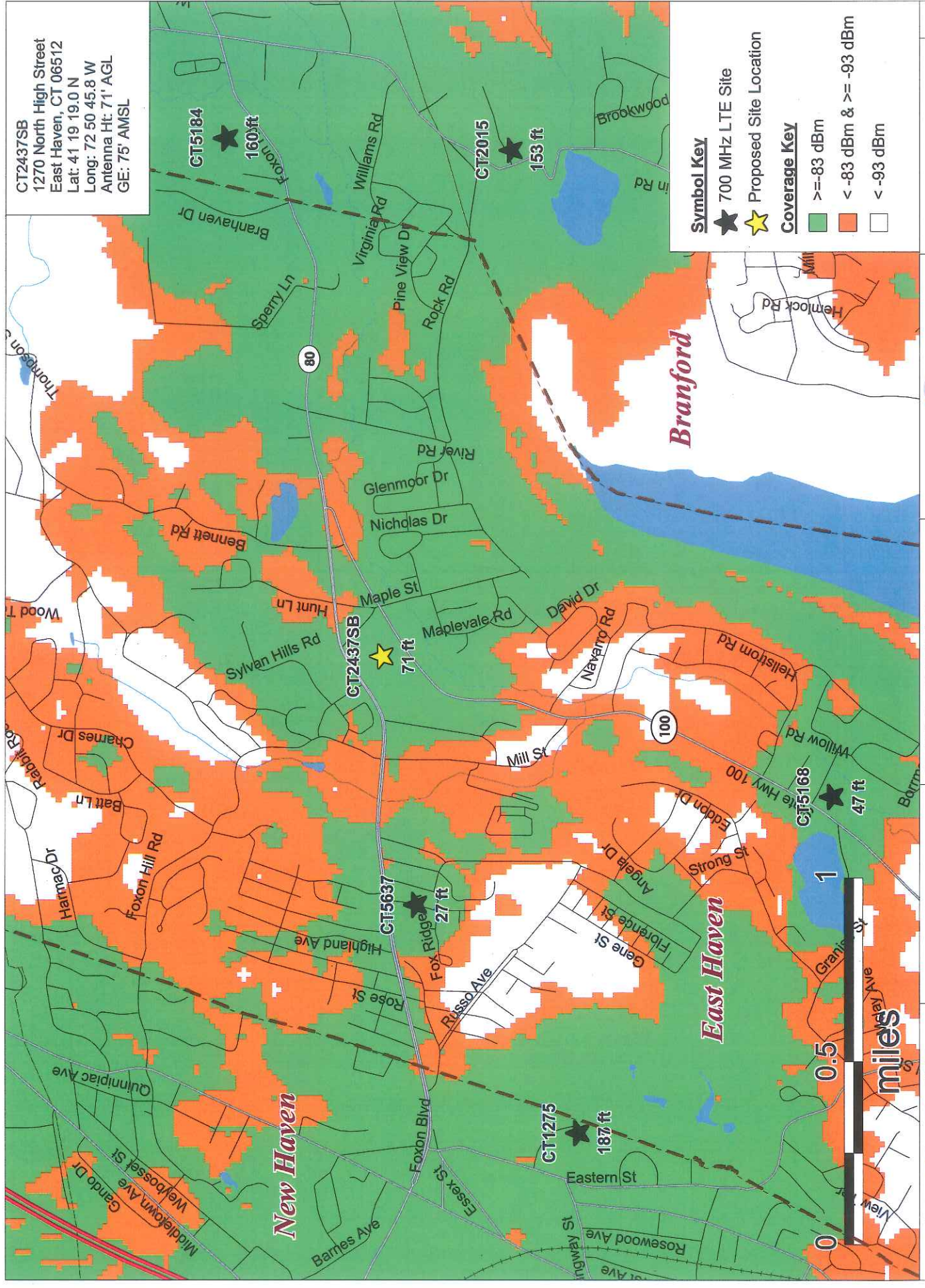
1270 North High Street
 East Haven, CT 06512

East Haven

Existing 700 MHz LTE
 Coverage

REV

CT2437SB
 1270 North High Street
 East Haven, CT 06512
 Lat: 41 19 19.0 N
 Long: 72 50 45.8 W
 Antenna Ht: 71' AGL
 GE: 75' AMSL



Symbol Key

- ★ 700 MHz LTE Site
- ★ Proposed Site Location

Coverage Key

- Green >=-83 dBm
- Orange <-83 dBm & >=-93 dBm
- White <-93 dBm



Existing 700 MHz LTE
 Coverage with Proposed Site

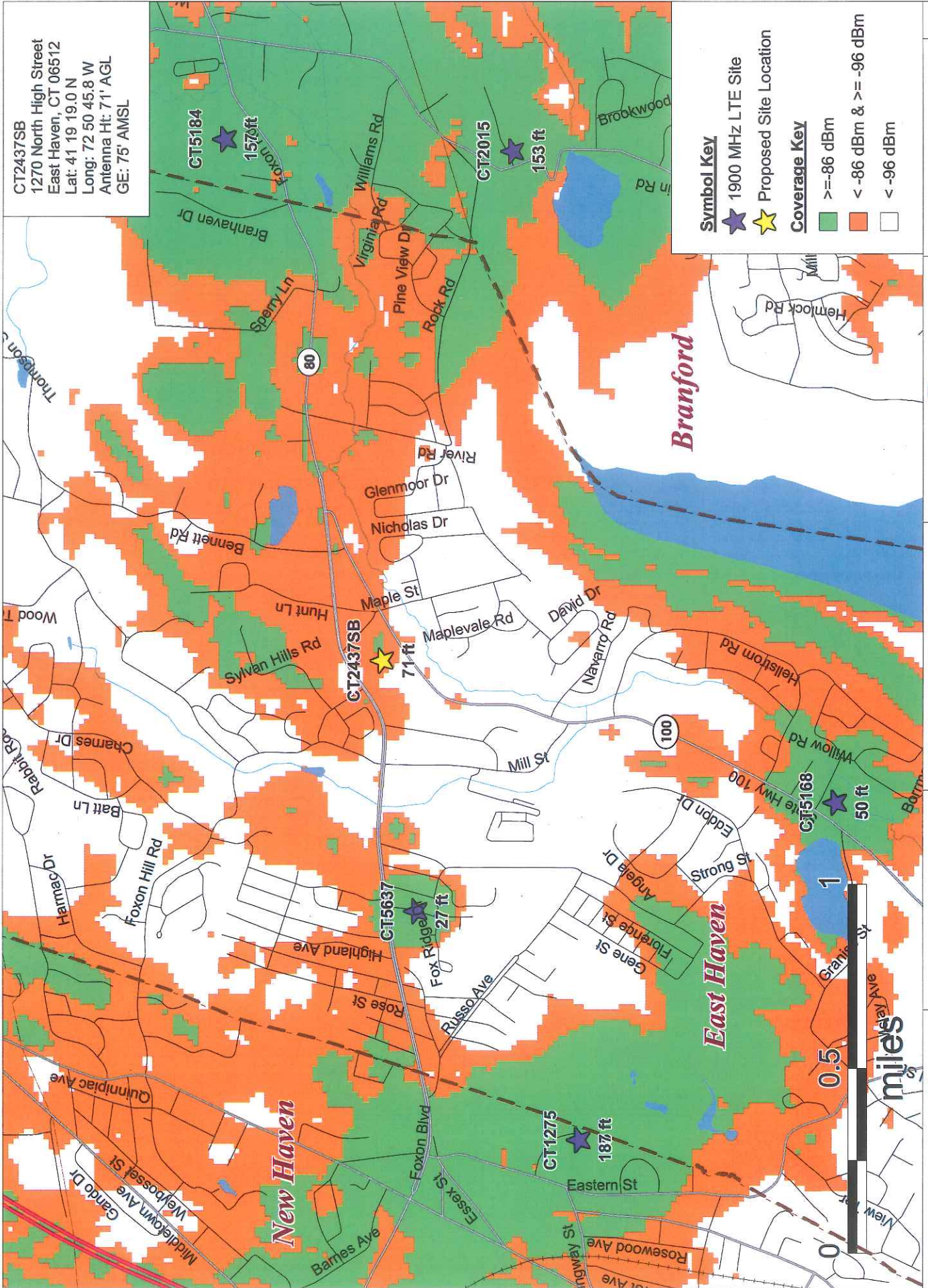
East Haven

1270 North High Street
 East Haven, CT 06512



PREPARED ON	REV
DATE: 3/4/2014	0

CT2437SB
 1270 North High Street
 East Haven, CT 06512
 Lat: 41 19 19.0 N
 Long: 72 50 45.8 W
 Antenna Ht: 71' AGL
 GE: 75' AMSL



Existing 1900 MHz LTE
 Coverage

East Haven

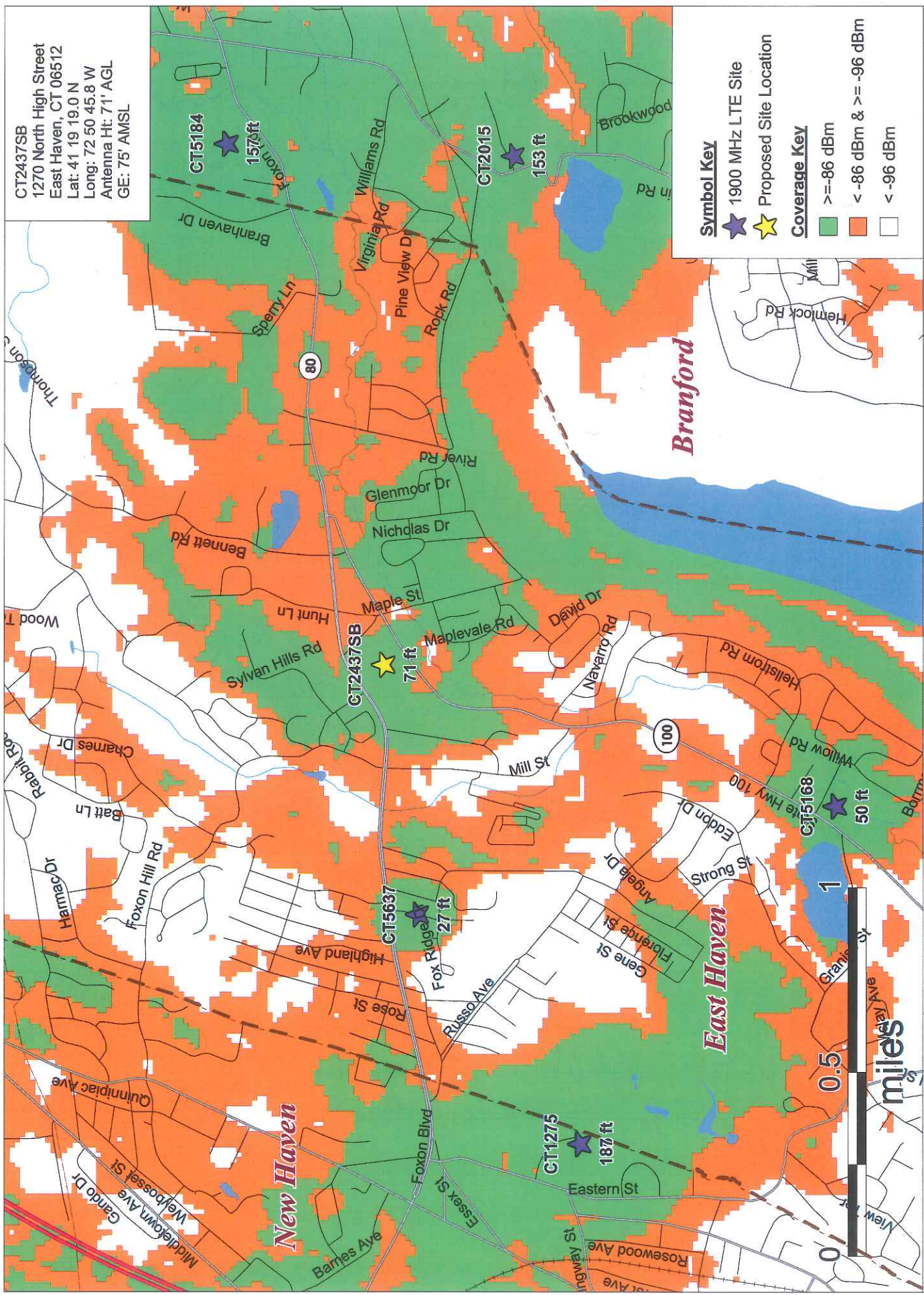
1270 North High Street
 East Haven, CT 06512



PREPARED ON
 DATE: 3/7/2014

REV 0

CT2437SB
 1270 North High Street
 East Haven, CT 06512
 Lat: 41 19 19.0 N
 Long: 72 50 45.8 W
 Antenna Ht: 71' AGL
 GE: 75' AMSL



- Symbol Key**
- ★ 1900 MHz LTE Site
 - ★ Proposed Site Location
- Coverage Key**
- Green >= -86 dBm
 - Orange < -86 dBm & >= -96 dBm
 - White < -96 dBm



Existing 1900 MHz LTE
 Coverage with Proposed Site

East Haven

1270 North High Street
 East Haven, CT 06512



PREPARED ON
 DATE: 3/7/2014

REV
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CERTIFICATION OF SERVICE

I hereby certify that on the 11 day of March 2014, a copy of the attached notice of the filing of a Petition with the Connecticut Siting Council for a declaratory ruling were sent by certified mail, return receipt requested, to the following:

Dated: 3/11/14

Jacqui Chrochier
 Cuddy & Feder LLP
 45 Hamilton Avenue, 14th Floor
 White Plains, New York 10601
 Attorneys for :
 New Cingular Wireless PCS, LLC ("AT&T")

State and Regional

The Honorable George Jepsen Attorney General Office of the Attorney General 55 Elm Street Hartford, CT 06106	Department of Economic and Community Development Catherine H. Smith, Commissioner 505 Hudson Street Hartford, CT 06106-71067
Department of Public Health Dr. Jewel Mullen, Commissioner 410 Capitol Avenue P.O. Box 340308 Hartford, CT 06134	Department of Energy and Environmental Protection Public Utilities Regulatory Authority Chairman Arthur House Ten Franklin Square New Britain, CT 06051
Council on Environmental Quality Susan D. Merrow, Chair 79 Elm Street Hartford, CT 06106	Department of Transportation James P. Redeker, Commissioner 2800 Berlin Turnpike Newington, CT 06111
Department of Energy & Environmental Protection Rob Klee, Commissioner 79 Elm Street Hartford, CT 06106	Department of Agriculture Steven K. Reviczky, Commissioner 165 Capitol Avenue Hartford, CT 06106
Office of Policy and Management Benjamin Barnes, Secretary 450 Capitol Avenue Hartford, CT 06106-1308	State Representative-99 th Assembly District James M. Albis Legislative Office Building Room 5005 Hartford, CT 06106
Department of Emergency Services & Public Protection Reuben F. Bradford, Commissioner 1111 Country Club Road Middletown, CT 06457	State Senator-34 th District Leonard A. Fasano Legislative Office Building Room 3400 Hartford, CT 06106
Director of Arts & Historic Preservation & State Historic Preservation Officer Daniel Forrest One Constitution Plaza, 2 nd Floor Hartford, CT 06103	South Central Regional Council of Governments Carl Amento, Executive Director 127 Washington Avenue, 4 th Floor North Haven, CT 06473

Federal

Federal Communications Commission 445 12 th Street SW Washington, D.C. 20554	Federal Aviation Administration 800 Independence Avenue, SW Washington, DC 20591
U.S. Congresswoman Rosa L. DeLauro 59 Elm Street New Haven, CT 06510	U.S. Senator Richard Blumenthal 90 State House Square, 10th Floor Hartford, CT 06103
U.S. Senator Christopher Murphy One Constitution Plaza, 7 th Floor Hartford, CT 06103	

Town of East Haven

Mayor Joseph Maturo Jr East Haven Town Hall 250 East Main Street East Haven, CT 06512	Planning & Zoning Commission Peter Cianelli, Chairman East Haven Town Hall 250 East Main Street East Haven, CT 06512
Town Clerk Stacy Gravino East Haven Town Hall 250 East Main Street East Haven, CT 06512	Inland Wetland Commission Richard Pulton, Chairman 32 Cliff Street East Haven, CT 06512
Planning & Zoning Administrator/Zoning Enforcement Officer Frank Biancur, Jr. East Haven Town Hall 250 East Main Street East Haven, CT 06512	Conservation Commission East Haven Town Hall 250 East Main Street East Haven, CT 06512

NOTICE

Notice is hereby given, pursuant to Section 16-50j-40(a) of the Regulations of Connecticut State Agencies of a Petition to be filed with the Connecticut Siting Council ("Siting Council") on or after March 17, 2014 by New Cingular Wireless PCS, LLC ("AT&T" or the "Petitioner"). AT&T will seek a declaratory ruling that no certificate of environmental compatibility and public need is required to install a wireless tower facility on the rooftop of the existing building located at 1270 North High Street, East Haven, Connecticut (the "Site").

The Site is an approximately 9.1 acre parcel improved with a 10,000 square foot four-story building and associated parking areas. Access to the Site is provided from North High Street. AT&T's proposed facility consists of a 45' tall guyed tower on the rooftop of the existing building so that the top of the proposed tower would be approximately 77' above grade level. AT&T will install up to twelve (12) panel antennas at a centerline height of approximately 71' on the rooftop tower. Associated unmanned equipment will be located within an equipment room located on the top floor of the existing building. An emergency backup power generator will be located at grade in the northwest portion of the Site near the existing first floor mechanical room.

The facility is being proposed to allow AT&T to provide service in this area of the State. The Petition will provide details of the facility and explain why Petitioner submits that the proposed rooftop wireless tower facility presents no significant adverse environmental effects. The location, height and other features of the facility are subject to review and potential change under provisions of the Connecticut General Statutes Sections 16-50g et. seq.

Copies of the Petition will be available for review during normal business hours on or after March 17, 2014 at the Connecticut Siting Council:

Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

or the offices of the undersigned. All inquiries should be addressed to the Connecticut Siting Council or to the undersigned.

Lucia Chiocchio, Esq.
Christopher B. Fisher, Esq.
Cuddy & Feder LLP
445 Hamilton Ave, 14th Floor
White Plains, New York 10601
(914) 761-1300
Attorneys for the Petitioner

March 11, 2014

**VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Re: New Cingular Wireless PCS, LLC (“AT&T”)
Proposed Rooftop Wireless Telecommunications Facility
East Haven, Connecticut
Petition to the State of Connecticut Siting Council

Dear _____:

We are writing to you on behalf of our client, AT&T, with respect to the above referenced matter and our client’s intent to file a Petition with the State of Connecticut Siting Council for approval of a proposed wireless communications facility (the “facility”) to be located on an existing building located at 1270 North High Street, East Haven, Connecticut. The attached notice is being sent to you pursuant to the Regulations of Connecticut State Agencies, which require that owners of record of property that abuts a parcel on which a facility is proposed be sent notice of an applicant’s intent to file a Petition with the Connecticut Siting Council.

If you have any questions concerning this notice or Petition, please do not hesitate to contact the Connecticut Siting Council or the undersigned after March 17, 2014 the date on which the Petition is expected to be on file with the State.

Very truly yours,

Lucia Chiochio

Attachment

CERTIFICATION OF SERVICE

I hereby certify that on the 11 of March 2014, a copy of the foregoing letter and notice was mailed by certified mail, return receipt requested to each of the abutting properties owners on the accompanying list.

3/11/14
Date



Lucia Chiochio
Cuddy & Feder LLP
445 Hamilton Avenue, 14th Floor
White Plains, New York 10601

Attorneys for:
New Cingular Wireless PCS, LLC ("AT&T")

ADJACENT PROPERTY OWNERS
1270 North High Street

Woodview Associates
1270 North High Street
East Haven, CT 06512

East Haven Community Church
1225 North High Street
East Haven, CT 06512

Howard & Robbin Gianotti & Surv
1270 North High Street
East Haven, CT 06512

William H. & Donna L. R. Pherson to
SV W WC
1281 North High Street
East Haven, CT 06512

Lizabeth Theroux
103 Pleasant Avenue
East Haven, CT 06512

Frank J. Esposito Sr & Norma Trustee
of Esposito Family LIV TR
1285 North High Street
East Haven, CT 06512

Anthony J. Cuomo
61 Ranch Road
Hamden, CT 06517

Michael E. & Rebecca L. Lapointe
215 Maple Street
East Haven, CT 06512

Jonathan S. & Megan S. Basti, Surv
1286 North High Street
East Haven, CT 06512

Harry W. & Sarah E. Mogoveny &
Surv
531 Foxon Road
East Haven, CT 06512

Cynthia Wanda Rojas
1292 North High Street
East Haven, CT 06512

Marie C Mailett. & Raymond Mailett
& SV
527 Foxon Road
East Haven, CT 06512

Douglas B. Gladstone
198 Maple Street
East Haven, CT 06512

Charles P. & Carol R. Gallagher
& Surv
204 Maple Street
East Haven, CT 06512

Joseph Armino & Glendy Franco &
SV
523 Foxon Road
East Haven, CT 06512

Timothy D. & Rae Ann Cordova &
Surv
210 Maple Street
East Haven, CT 06512

Frank M. & Victoria A. Pantalena &
SV
519 Foxon Road
East Haven, CT 06512

Maria Samperi
222 Maple Street
East Haven, CT 06512

Berbabe Vaazquez Jr.
1300 North High Street
East Haven, CT 06512

Nancy Sicha
580 Foxon Rd
East Haven, CT 06512

Kyle Samuel
188 Maple Street
East Haven, CT 06512

South Central Conn Regional Water
Authority
539 Foxon Road
East Haven, CT 06512