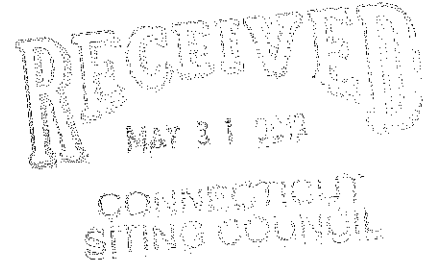


May 30, 2013

**VIA EMAIL & OVERNIGHT DELIVERY**

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

**ORIGINAL**



Re: Connecticut Siting Council Docket No. 436  
Application of Message Center Management, Inc. (MCM)  
and New Cingular Wireless PCS, LLC (AT&T) for a  
Certificate of Environmental Compatibility and Public Need  
for the Construction, Maintenance and Operation of a  
Telecommunications Facility in East Hartford, Connecticut

Dear Chairman Stein and Members of the Siting Council:

In connection with the above referenced Docket, we respectfully enclose the following:

1. Responses of MCM and AT&T to Siting Council Interrogatories, Set II dated May 30, 2013.
2. Supplemental Submission of MCM and AT&T, dated May 30, 2013.
3. Hearing Information of MCM and AT&T, dated May 30, 2013 including Affidavit of Sign Posting and Applicants' Public Presentation for June 6, 2013 Hearing.

Should the Siting Council or Staff have any questions regarding the foregoing, please do not hesitate to contact me.

Very truly yours,

A handwritten signature in black ink, appearing to read "D. Laub", with a long horizontal flourish extending to the right.

Daniel M. Laub

cc: Maria Scotti, MCM  
Virginia King, MCM  
Christopher Gelinas, MCM  
Michele Briggs, AT&T  
Christopher B. Fisher, Esq.

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF MESSAGE CENTER MANAGEMENT,  
436 INC. (MCM) AND NEW CINGULAR WIRELESS PCS, LLC  
(AT&T) FOR A CERTIFICATE OF ENVIRONMENTAL  
COMPATIBILITY AND PUBLIC NEED FOR THE  
CONSTRUCTION, MAINTENANCE AND OPERATION  
OF A TELECOMMUNICATIONS TOWER  
FACILITY AT 465 HILLS STREET OR 56 HILLS STREET  
IN THE TOWN OF EAST HARTFORD, CONNECTICUT

DOCKET NO.

**ORIGINAL**

May 30, 2013

SUPPLEMENTAL SUBMISSION OF  
MESSAGE CENTER MANAGEMENT AND NEW CINGULAR WIRELESS

RECEIVED  
MAY 31 2013

CONNECTICUT  
SITING COUNCIL

As part of its consultation with the Town of East Hartford, the Town of East Hartford Fire Department indicated that it supported the Candidate A facility at 465 Hills Street due to that agency's own communications need. A letter of support included in Application Attachment 5 confirms the Fire Department's desire to collocate at the Candidate A Facility if approved. Subsequently the Fire Department advised MCM that its minimum height requirement for antenna mounting is 100' AGL which is where co-applicant AT&T is already designed to install its antennas.

MCM asked the project consultants to design a facility 10' higher in height which could accommodate both the equipment of AT&T at 100' AGL and the equipment of the Fire Department at 110' AGL. To date it is MCM's understanding that the Fire Department cannot utilize the Candidate B Facility at 56 Hills Street. However, in the interest of a complete record in this Docket, the Applicants are providing herein drawings, photo simulations, a viewshed analysis and power density reports for a 110' monopole with 7' of stealthing reaching a total height of 117' for both the Candidate A and Candidate B facilities.


Attached please find the following:

- Attachment 1: Plans for Candidate A at 117' overall height.
- Attachment 2: Photos, photo simulations and comparative viewshed analysis of the Candidate A Facility at 117' AGL.
- Attachment 3: Plans for Candidate B at 117' overall height.
- Attachment 4: Photos, photo simulations and comparative viewshed analysis of the Candidate B Facility at 117' AGL.
- Attachment 5: Power density reports for both Candidate Facility sites at 117' including equipment from the Fire Department.

CERTIFICATE OF SERVICE

I hereby certify that on this day, an original and fifteen copies of the foregoing was sent electronically and by overnight delivery to the Connecticut Siting Council.

Dated: May 30, 2013

  
Daniel M. Laub

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF MESSAGE CENTER MANAGEMENT,  
436 INC. (MCM) AND NEW CINGULAR WIRELESS PCS, LLC  
(AT&T) FOR A CERTIFICATE OF ENVIRONMENTAL  
COMPATIBILITY AND PUBLIC NEED FOR THE  
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DOCKET NO.

May 30, 2013

SUPPLEMENTAL SUBMISSION OF  
MESSAGE CENTER MANAGEMENT AND NEW CINGULAR WIRELESS

As part of its consultation with the Town of East Hartford, the Town of East Hartford Fire Department indicated that it supported the Candidate A facility at 465 Hills Street due to that agency's own communications need. A letter of support included in Application Attachment 5 confirms the Fire Department's desire to collocate at the Candidate A Facility if approved. Subsequently the Fire Department advised MCM that its minimum height requirement for antenna mounting is 100' AGL which is where co-applicant AT&T is already designed to install its antennas.

MCM asked the project consultants to design a facility 10' higher in height which could accommodate both the equipment of AT&T at 100' AGL and the equipment of the Fire Department at 110' AGL. To date it is MCM's understanding that the Fire Department cannot utilize the Candidate B Facility at 56 Hills Street. However, in the interest of a complete record in this Docket, the Applicants are providing herein drawings, photo simulations, a viewshed analysis and power density reports for a 110' monopole with 7' of stealthing reaching a total height of 117' for both the Candidate A and Candidate B facilities.

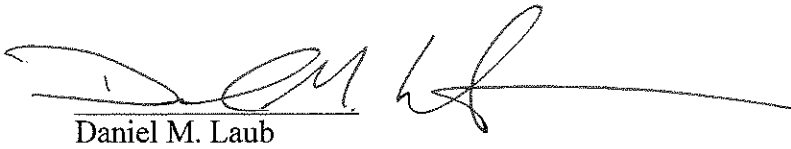
Attached please find the following:

- Attachment 1: Plans for Candidate A at 117' overall height.
- Attachment 2: Photos, photo simulations and comparative viewshed analysis of the Candidate A Facility at 117' AGL.
- Attachment 3: Plans for Candidate B at 117' overall height.
- Attachment 4: Photos, photo simulations and comparative viewshed analysis of the Candidate B Facility at 117' AGL.
- Attachment 5: Power density reports for both Candidate Facility sites at 117' including equipment from the Fire Department.

CERTIFICATE OF SERVICE

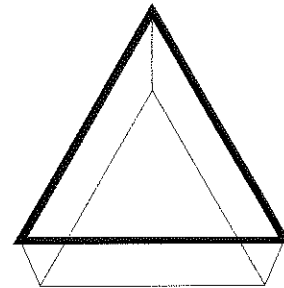
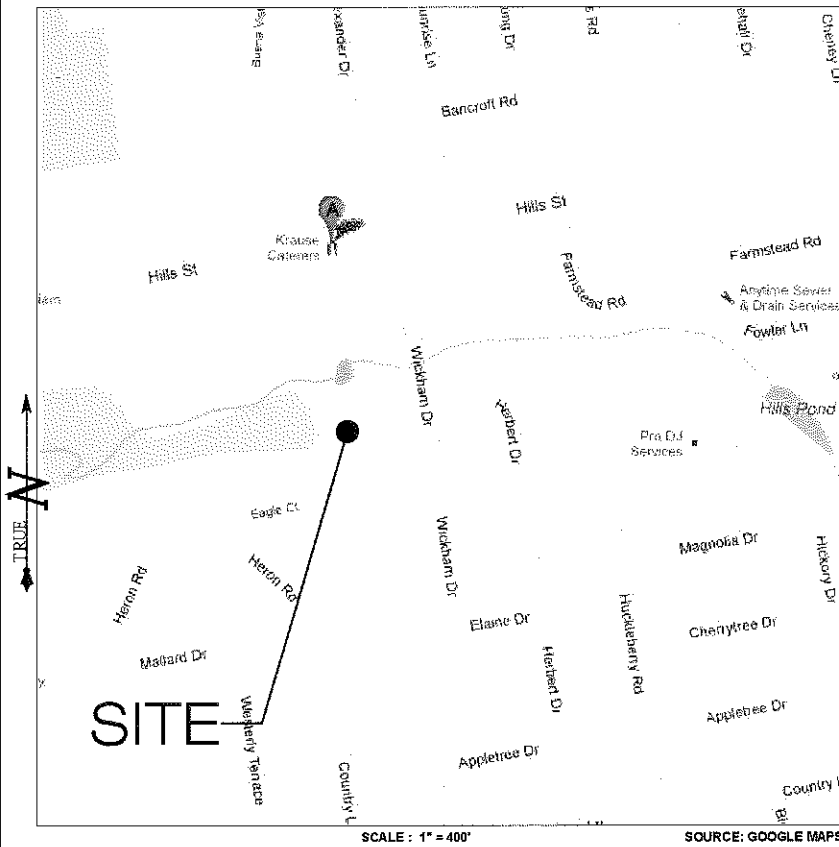
I hereby certify that on this day, an original and fifteen copies of the foregoing was sent electronically and by overnight delivery to the Connecticut Siting Council.

Dated: May 30, 2013

  
Daniel M. Laub

## Attachment 1

## LOCATION MAP



**MCM**

**MESSAGE CENTER  
MANAGEMENT**  
40 WOODLAND STREET  
HARTFORD, CT 06105  
OFFICE: (888) 973-7483



3 SADDLEBROOK DRIVE  
KILLINGWORTH, CT 06419  
WWW.ALLPOINTSTECH.COM

PHONE: (860)-663-1697  
FAX: (860)-663-0935

## CONTACT PERSONNEL

**APPLICANTS:**  
MESSAGE CENTER MANAGEMENT  
40 WOODLAND STREET  
HARTFORD, CT 06105

**LANDLORD**  
THE TRUST AGREEMENT OF THE  
HENRY J. KRAUSE REVOCABLE TRUST  
TRUSTEE: HEIDI McNAMAR  
32 JAKOBS LANDING  
WESTBROOK, CT 06498

**MCM PROJECT MANAGER:**  
VIRGINIA KING (860) 727-5790

**MCM PROJECT ATTORNEY:**  
CUDDY & FEDER, LLP  
445 HAMILTON AVE., 14TH FLOOR  
WHITE PLAINS, NY 10601  
914-761-1300

**POWER PROVIDER:**  
CL&P (203) 280-2351  
DAN WALL

**TELCO PROVIDER:**  
AT&T: (800)-727-8368

**CALL BEFORE YOU DIG:**  
(800) 922-4455

**GOVERNING CODEs:**  
2009 CONNECTICUT BUILDING CODE (2003 IBC BASIS)  
NATIONAL ELECTRIC CODE  
EIA/TIA 222F

## USGS TOPOGRAPHIC MAP



## DRAWING INDEX

- T-1 TITLE SHEET & INDEX
- A-1 ABUTTERS MAP
- 1 OF 3 PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY
- 2 OF 3 PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY
- 3 OF 3 PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY
- SP-1 SITE PLAN
- SP-2 COMPOUND PLAN AND TOWER ELEVATION

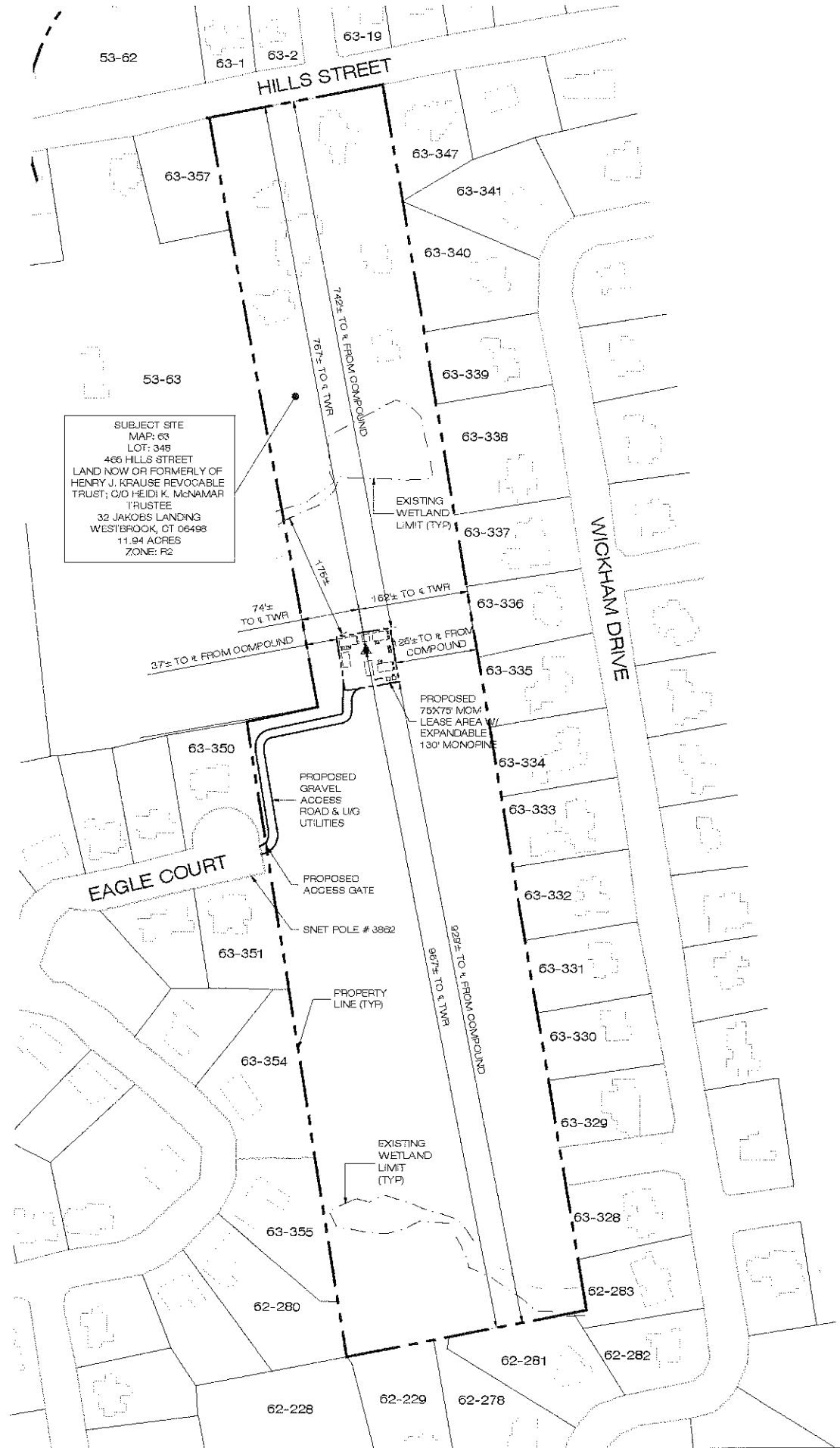
### \*SITE INFORMATION:

-SITE NAME.....	EAST HARTFORD	-ZONE.....	R-2
-SITE ID NUMBER.....	CT-499	-LATITUDE - .....	41° 44' 26.56" N
		-LONGITUDE - .....	72° 35' 02.78" W
-SITE ADDRESS.....	465 HILLS STREET EAST HARTFORD, CT 06118	-ELEVATION - .....	89± AMSL
		-FEMA/FIRM	
-MAP.....	63	DESIGNATION.....	PANEL #09003C0527F - ZONE 'X'
-LOTS.....	348	-ACREAGE.....	11.94 Ac

## SITE INFORMATION

**EAST HARTFORD  
465 HILLS STREET  
EAST HARTFORD, CT 06118**

PERMITTING DOCUMENTS		TITLE SHEET AND INDEX	
EAST HARTFORD 465 HILLS STREET EAST HARTFORD, CT 06118		APT FILING NUMBER: CT-242-280	
DESIGN TYPE: RAW LAND		APT DRAWING NUMBER: T-1	
DRAWN BY: CMS		SCALE: AS NOTED	
CHECKED BY: SMC		DATE: 09/12/12	
REVISIONS:		SHEET NUMBER:	
REV.0: 10/08/12: FOR REVIEW: SMC		<div style="text-align: center; font-size: 2em; font-weight: bold;">T-1</div>	
REV.1: 10/09/12: FOR FILING: SMC			
REV.2: 02/12/13: GENERAL COMMENTS: SMC			
REV.3: 05/17/13: ADD TOWN: SMC			
REV.4:			
REV.5:			

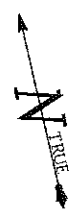


### ABUTTERS LIST




MAP LOT	ACCOUNT NUMBER	OWNER	LOCATION	MAILING ADDRESS
63-02	0960	MISSIONARY SOC OF CONN	444 HILLS ST	444 HILLS ST EAST HARTFORD, CT 06118
63-03	0960	SMITH RICHARD F & MARY ANN	441 HILLS ST	441 HILLS ST EAST HARTFORD, CT 06118
62-228	3432	TAYLOR RACHELLE J & JOE CLARENCE	247 COUNTRY LN	247 COUNTRY LN EAST HARTFORD, CT 06118
62-229	3433	RICHARD SCOTT	255 COUNTRY LN	255 COUNTRY LN EAST HARTFORD, CT 06118
62-278	14837	GERMANO FRANK & JEANINE	187 WICKHAM DR	187 WICKHAM DR EAST HARTFORD, CT 06118
62-280	6295	WALL BRIAN T & DEBORAH L	15 HERON RD	15 HERON RD EAST HARTFORD, CT 06118
62-281	14836	SCAVETTA CLARE M	181 WICKHAM DR	181 WICKHAM DR EAST HARTFORD, CT 06118
622-621	4832	BJORKMAN MATTHEW O & RYAN T	165 WICKHAM DR	165 WICKHAM DR EAST HARTFORD, CT 06118
62-2831	4831	GROTE ROBERT H JR & DEBORAH R	157 WICKHAM DR	157 WICKHAM DR EAST HARTFORD, CT 06118
83-1	6668	BROWN GORDON R	454 HILLS ST	103 CHIMNEY SWEEP HILL, GLASTONBURY, CT 06033
83-2	6669	LETT FRANK & CINDY	456 HILLS ST	456 HILLS ST EAST HARTFORD, CT 06118
93-19	6573	VENGRUSKAS LISA A	470 HILLS ST	470 HILLS ST EAST HARTFORD, CT 06118
99-328	14630	DANIEWICZ DAVID J & FELICITA	149 WICKHAM DR	149 WICKHAM DR EAST HARTFORD, CT 06118
93-329	14829	ROBERGE DONALD & MARY C	137 WICKHAM DR	137 WICKHAM DR EAST HARTFORD, CT 06118
93-330	14827	CIRILLO SERGIO	129 WICKHAM DR	129 WICKHAM DR EAST HARTFORD, CT 06118
93-331	14825	FOX ELIZABETH & JAMES J JR & KEVIN W	121 WICKHAM DR	121 WICKHAM DR EAST HARTFORD, CT 06118
93-332	14823	FRAZER JENNIFER M	115 WICKHAM DR	115 WICKHAM DR EAST HARTFORD, CT 06118
93-333	14821	STEFURAK SUSAN K	105 WICKHAM DR	105 WICKHAM DR EAST HARTFORD, CT 06118
93-334	14819	PARIBELLO DOROTHEA S	97 WICKHAM DR	97 WICKHAM DR EAST HARTFORD, CT 06118
93-335	14817	MORIN EUGENE J & ANNE V	89 WICKHAM DR	89 WICKHAM DR EAST HARTFORD, CT 06118
93-336	14815	ROCHELEAU LEON J & GEORGETTE C	81 WICKHAM DR	81 WICKHAM DR EAST HARTFORD, CT 06118
93-337	14813	CURRIER JASON M & JESSICA A	73 WICKHAM DR	73 WICKHAM DR EAST HARTFORD, CT 06118
93-338	14811	DAYTON RONALD & KATHERINE A	63 WICKHAM DR	63 WICKHAM DR EAST HARTFORD, CT 06118
93-339	14809	PARRY REBECCA L	53 WICKHAM DR	53 WICKHAM DR EAST HARTFORD, CT 06118
93-340	14807	NGUYEN DUJ HM	45 WICKHAM DR	45 WICKHAM DR EAST HARTFORD, CT 06118
93-341	14806	GANLEY JEFFREY J	41 WICKHAM DR	41 WICKHAM DR EAST HARTFORD, CT 06118
93-347	6674	BRENNAN OLGA M TRUSTEE	475 HILLS ST	475 HILLS ST EAST HARTFORD, CT 06118
93-350	39005	SWEENEY ROBERT & LOIS	26 EAGLE CT	26 EAGLE CT EAST HARTFORD, CT 06118
93-351	39005	SANTOS TIAGO PAULA	27 EAGLE CT	27 EAGLE CT EAST HARTFORD, CT 06118
93-354	6298	RILEY SHARON A & TIMOTHY R	27 HERON RD	27 HERON RD EAST HARTFORD, CT 06118
93-355	6298	MARANDA SERGE G & KATHLEEN M	21 HERON RD	21 HERON RD EAST HARTFORD, CT 06118
93-357	6667	SMITH RICHARD F & MARY ANN	443 HILLS ST	441 HILLS ST EAST HARTFORD, CT 06118

BASE MAPPING FROM:

1. PARTIAL TOPOGRAPHIC SURVEY, PROPERTY SITUATE 465 HILLS STREET, EAST HARTFORD, CONNECTICUT PREPARED BY BARRETT BONACCI & VAN WEELE, PC 175 A COMMERCIAL DRIVE HAUPPAUGE, NY DATED AUGUST 21, 2012.
2. TOWN OF EAST HARTFORD ASSESSORS MAPS #53, 62 AND 63.
3. TOWN OF EAST HARTFORD GIS WEBSITE
4. DIGITAL GLOBAL 2010 DIGITAL ORTHOPHOGRAPHS.



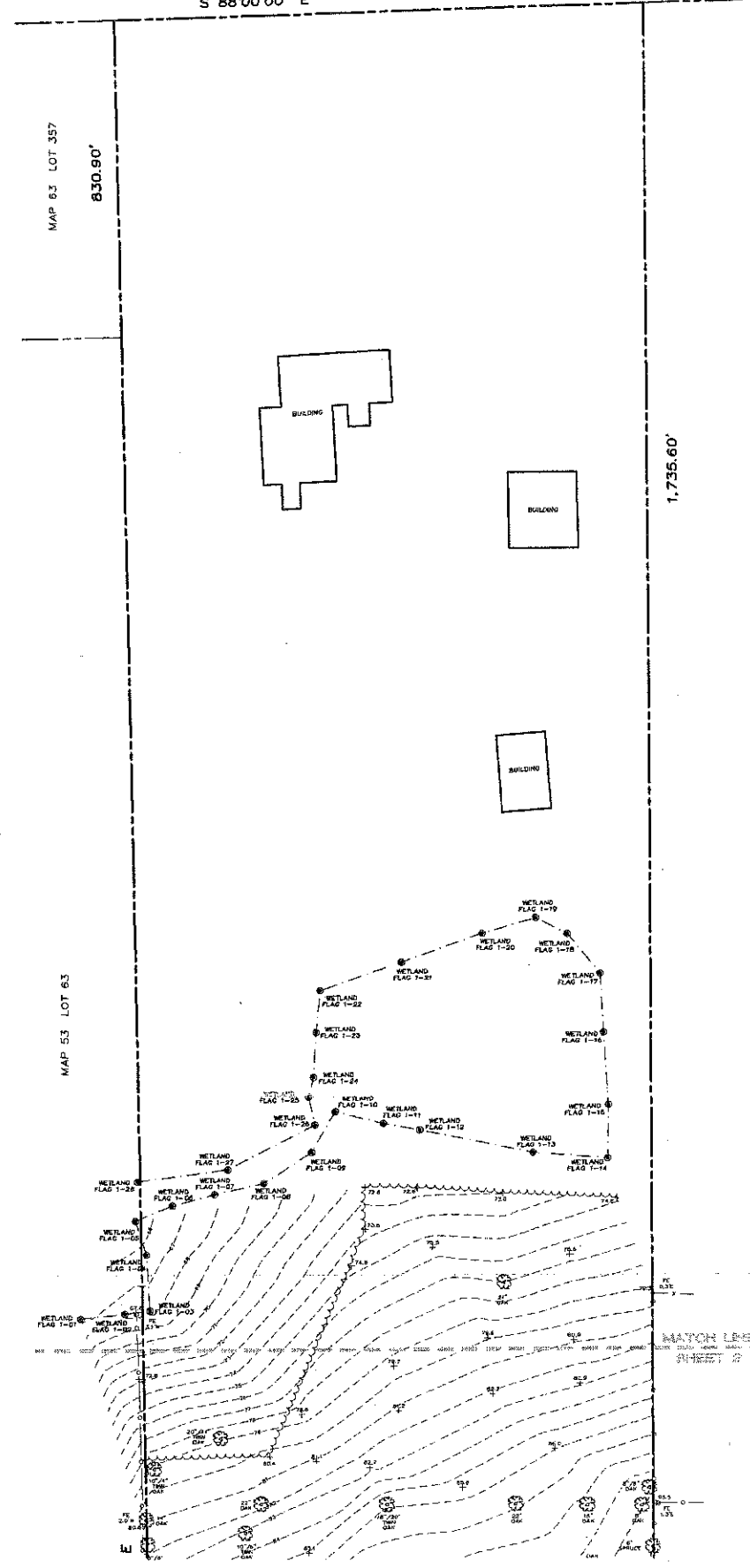
**ABUTTERS MAP**  
 SCALE: 1" = 100'-0"

MCM SITE NAME: <b>EAST HARTFORD CT499</b> APT FILING NUMBER: <b>CT-242-280</b>  <b>MESSAGE CENTER MANAGEMENT</b> 40 WOODLAND STREET HARTFORD, CT 06105 OFFICE: (888) 973-7483	<b>PERMITTING DOCUMENTS</b> <b>EAST HARTFORD</b> <b>465 HILLS STREET</b> <b>EAST HARTFORD, CT 06118</b> <b>DESIGN TYPE:</b> <b>RAW LAND</b>	<b>ABUTTERS MAP</b> APT FILING NUMBER: CT-242-280 APT DRAWING NUMBER: A-1 DRAWN BY: CMS CHECKED BY: SMC SCALE: AS NOTED DATE: 09/12/12
 <b>ALL-POINTS</b> TECHNOLOGY CORPORATION 3 SADDLEBROOK DRIVE KILLINGWORTH, CT 06419 WWW.ALLPOINTSIECH.COM PHONE: (860) 463-1697 FAX: (860) 663-0935	<b>REVISIONS:</b> REV.0: 10/02/12: FOR REVIEW: SMC REV.1: 10/09/12: FOR FILING: SMC REV.2: 02/12/13: GENERAL COMMENTS: SMC REV.3: 05/17/13: ADD TOWN: SMC REV.4: REV.5:	SHEET NUMBER: <b>A-1</b> 



# HILLS STREET

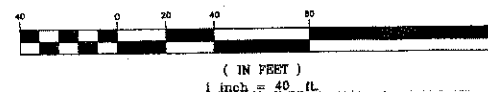
S 88°00'00" E 249.50'



### LEGEND

- ===== CONCRETE CURB
- DROP CURB
- EDGE OF PAVEMENT
- OH ----- OVERHEAD WIRES
- ⊙ STRUCTURE - SANITARY
- ⊙ UTILITY POLE
- - - - - CHAIN LINK FENCE
- - - - - FENCE OTHER
- ⊕ SPOT ELEVATION
- ±91.50 TOP/BOTTOM OF CURB
- CONTOURS
- ▭ CONCRETE
- ~ TREE LINE
- ⊗ GUY WIRE
- ⊙ TREE

### GRAPHIC SCALE



### NOTES

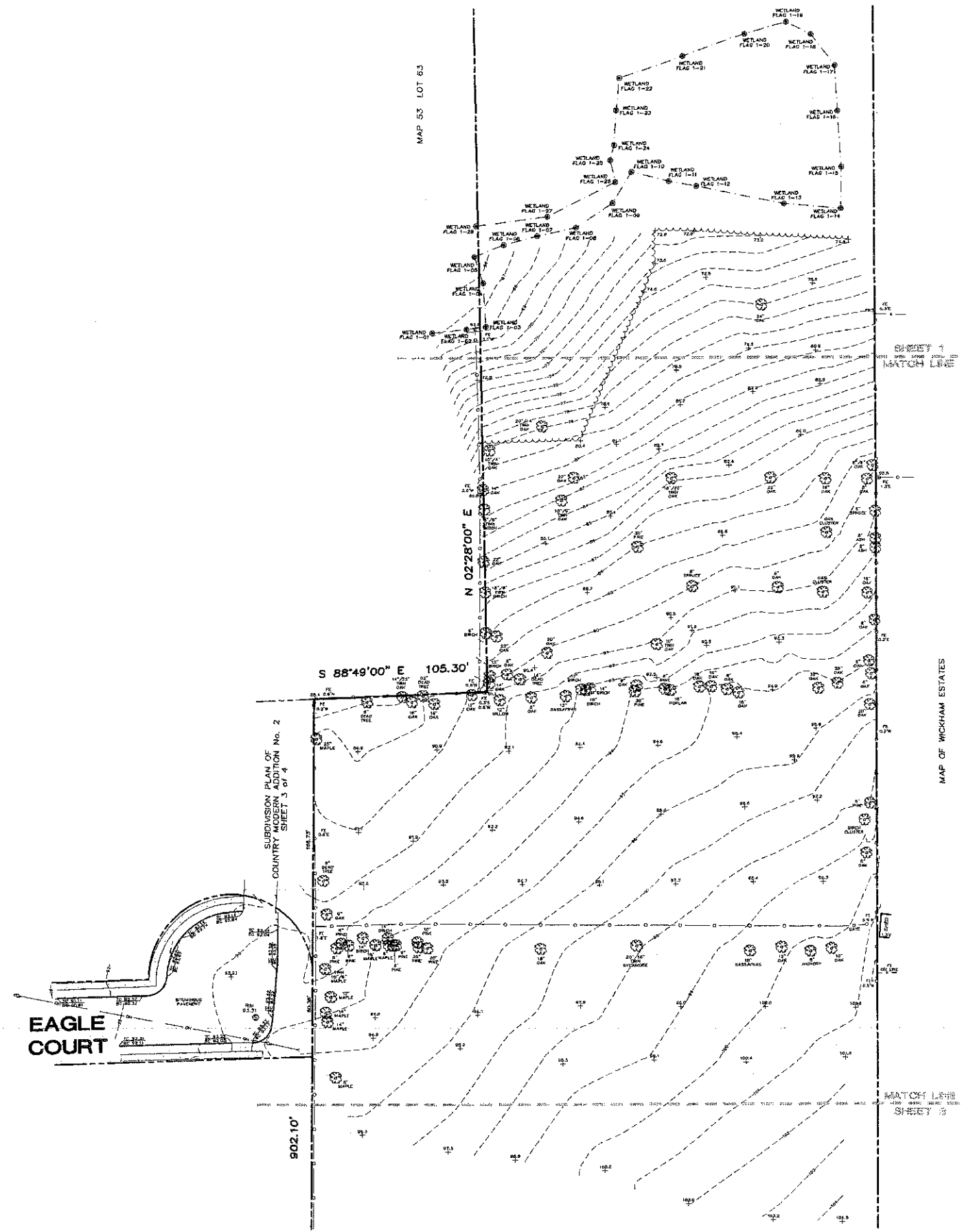
1. THIS MAP AND SURVEY HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT," AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 28, 1996.  
THE TYPE OF SURVEY PERFORMED AND THE MAPPED FEATURES DEPICTED HEREON ARE IN ACCORDANCE WITH THE REQUIREMENTS OF A (PARTIAL) TOPOGRAPHIC SURVEY. BOUNDARY LINES ARE COMPILED FROM OTHER MAPS, DEEDS, AND A LIMITED FIELD SURVEY; THEY DO NOT REPRESENT A PROPERTY BOUNDARY OPINION AND ARE SUBJECT TO CHANGE BASED ON A COMPLETE FIELD SURVEY.
2. VERTICAL ACCURACY CLASS: T-2. ELEVATIONS REFER TO NAD 1983. TOPOGRAPHIC INFORMATION IS LIMITED TO THE AREAS DEPICTED.
3. BEARINGS REFER TO REFERENCE MAP 'D.'
4. REFERENCE MAPS:  
(A) "SUBDIVISION PLAN COUNTRY MANOR, ADDITION 2 SHEET 3 OF 4" FILED AUGUST 17 1952.  
(B) "MAP OF WICKHAM ESTATES" FILED APRIL 11, 1962.  
(C) "MAP OF CARROLL HEIGHTS" FILED JULY 13, 1962.  
(D) DEED REFERENCE VOL 1207 PAGE 0127.
5. A PORTION OF THE PROPERTY DEPICTED HEREON MAY BE SUBJECT TO:  
(1) VARIANCE ALLOWING FOR ENLARGEMENT OF STORAGE AREA RECORDED 7-2-85, BOOK/PAGE 919-323.  
(2) SEWER ASSESSMENT BY THE METROPOLITAN DISTRICT RECORDED 1-7-75, BOOK/PAGE 559-70 AND RELEASED AT 504-21.  
(3) CONDITIONS AND RESTRICTIONS SET FORTH IN PRIOR DEEDS 1287-130 RECORDED 4-12-89, AND IN BOOK/PAGE 215-448, RECORDED 4-5-54.
6. PARCEL OWNER OF RECORD: HENRY J. KRAUSE REVOCABLE TRUST  
MAP 63 - LOT 348: McNAMARA, HEIDI K. - TRUSTEE  
485 HILL STREET, EAST HARTFORD, CT 06118
7. SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS PART OF THIS SURVEY.
8. WETLAND FLAGS SET BY ALL POINTS TECHNOLOGY CORP. DEAN GUSTAFSON, SENIOR SOILS SCIENTIST 8/20/2012.
9. TREES HAVING A CALIPER OF 6" AND GREATER LOCATED ONLY ON A PORTION OF THE PROPERTY.

Date: <b>AUGUST 21, 2012</b>			Tax Map: <b>MAP 63 LOT 348</b>	
TO HIS KNOWLEDGE AND BELIEF THIS MAP AND THE INFORMATION CONTAINED HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEYED LOT AND ADJACENT LOTS AND UNENCUMBERED SEAL OF THE PREPARER			<b>PROPERTY</b> SITUATE <b>EAST HARTFORD</b> HARTFORD COUNTY CONNECTICUT	
Surveyed by: PF    Drafted by: PR    Checked by: WJB			<b>PARTIAL BOUNDARY &amp; TOPOGRAPHIC SURVEY</b>	
<b>BBV</b> Barrett Bonacci & Van Weele, PC Civil Engineers Surveyors Planners 15 Hosley Avenue Branford, CT 06405 + 203.483.4322 + 203.483.4323 www.bbvp.com			Scale: 1" = 40' Project No. C120005 Sheet No. 1 of 3	

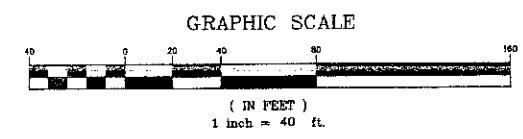
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I:\DAL2\C120005\dwg\C120005.dwg, Layout1, 9/13/2012 1:15:24 PM, Barrett, Bonacci & Van Weele, P.C.

UTM: BNDY.TOR0  
 VIEW: BNDY.TOR0

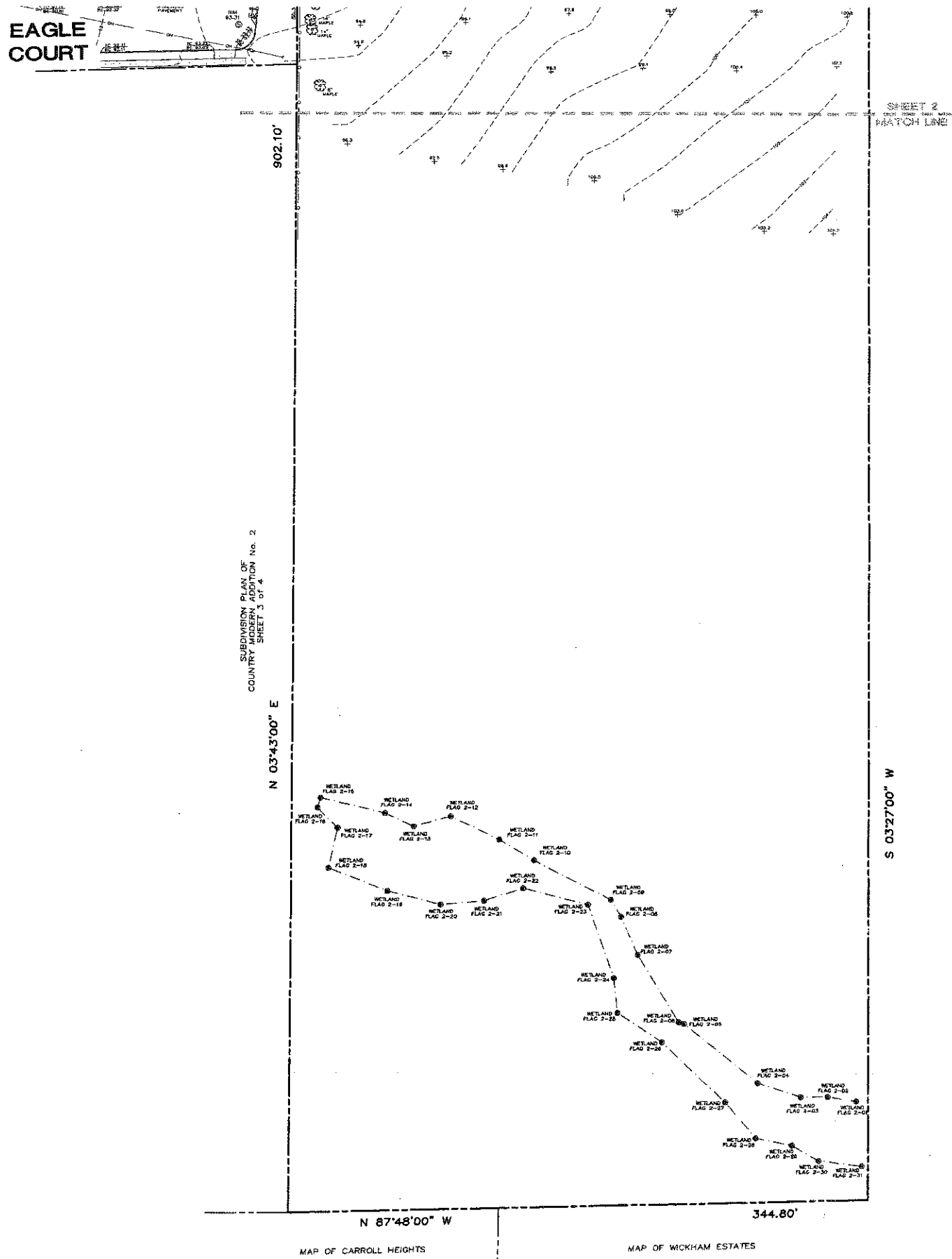


- LEGEND**
- CONCRETE CURB
  - DROP CURB
  - EDGE OF PAVEMENT
  - OH — OVERHEAD WIRES
  - ⊙ STRUCTURE — SANITARY
  - ⊕ UTILITY POLE
  - x — CHAIN LINK FENCE
  - o — FENCE OTHER
  - ⊕ TOP/BOTTOM OF CURB
  - + 91.50 SPOT ELEVATION
  - CONTOURS
  - ▭ CONCRETE
  - ~ TREE LINE
  - ⊕ GUY WIRE
  - ⊕ TREE



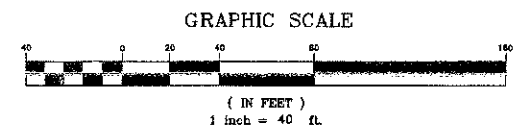
Tax Map: MAP 63 LOT 348		
Date: <b>AUGUST 21, 2012</b>		
TO MAINTAIN THESE AND OTHER THIS MAP AND THE INFORMATION DEPICTED HEREON IS SUBSTANTIALLY CORRECT AS NOTED HEREON. THIS SURVEY MAY VARY FROM THE USE OF SURVEILLANCE AND UNLESS OTHERWISE NOTED.		
Date: _____ Surveyed by: PF	By: _____ Drafted by: PR	Revision: _____ Checked by: WJB
<b>Barrett Bonacci &amp; Van Weele, PC</b> Civil Engineers Surveyors Planners		15 Hosley Avenue Branford, CT 06405 t 203.483.4322 f 203.483.4323 www.bbvp.com
<b>PARTIAL BOUNDARY &amp; TOPOGRAPHIC SURVEY</b>		PROPERTY SITUATE <b>EAST HARTFORD</b> HARTFORD COUNTY CONNECTICUT
Scale: 1" = 40' Project No: C120005		Sheet No: <b>2 of 3</b>

J:\10A12\C120005.dwg\CL20005.dwg, Layout1, 9/14/2012 1:37:59 PM, Barrett, Bonacci & Van Weele, P.C.



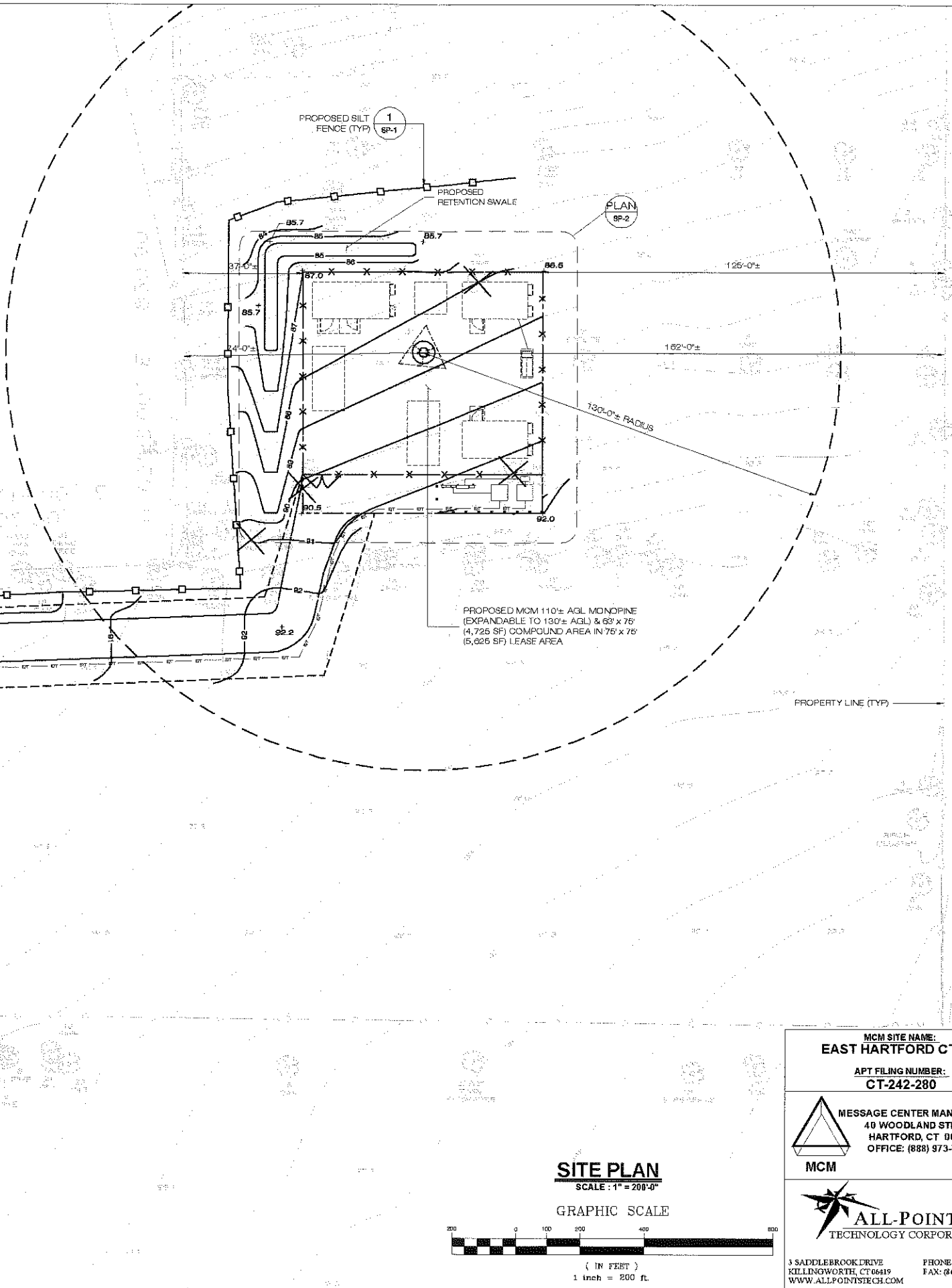
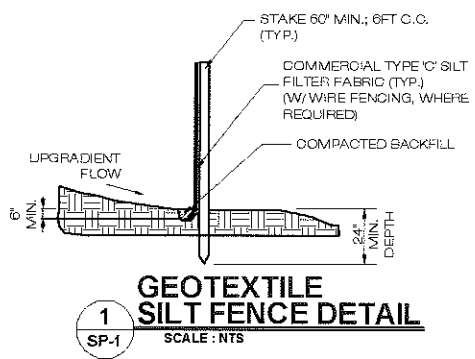
**LEGEND**

	CONCRETE CURB
	DROP CURB
	EDGE OF PAVEMENT
	OVERHEAD WIRES
	STRUCTURE - SANITARY
	UTILITY POLE
	CHAIN LINK FENCE
	FENCE OTHER
	TOP/BOTTOM OF CURB
	SPOT ELEVATION
	CONTOURS
	CONCRETE
	TREE LINE
	GUY WIRE
	TREE



Tax Map: MAP 63 LOT 348		
Date	AUGUST 21, 2012	
TO MY KNOWLEDGE AND BELIEF, THIS MAP AND THE INFORMATION EXPRESSED HEREON IS SUBSTANTIALLY CORRECT, AS INDICATED HEREON. THIS SURVEY HAS BEEN MADE WITHOUT THE USE OF A REPRODUCED SEAL OF ANY PROFESSIONAL ENGINEER OR ARCHITECT.		
Surveyed by:	PF	Checked by: WJB
By:	PR	
<b>BBV</b> Barrett Bonacci & Van Weele, PC Civil Engineers Surveyors Planners 15 Hasley Avenue Branford, CT 06405 T 203.483.4322 F 203.483.4323 www.bbvp.com		
<b>PROPERTY SITUATE EAST HARTFORD HARTFORD COUNTY CONNECTICUT</b> <b>PARTIAL BOUNDARY &amp; TOPOGRAPHIC SURVEY</b> © 2012 BBV/		
Scale	Project No.	Sheet No.
1" = 40'	C120005	3 of 3

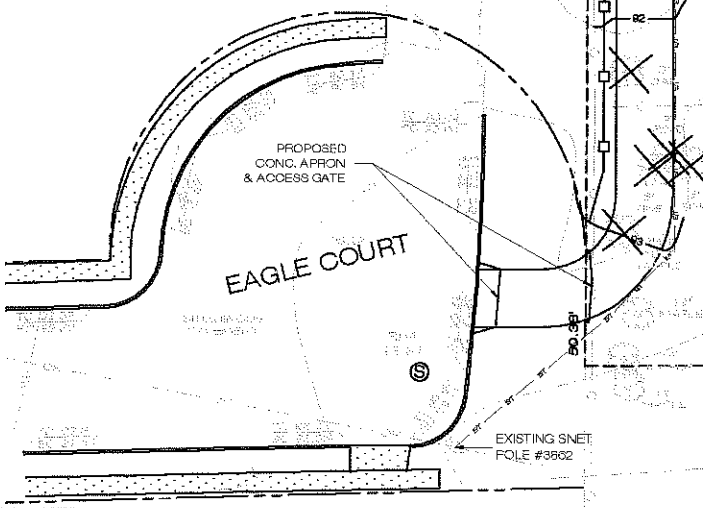
LEGEND			
	CURB		DRAINAGE INLET / STRUCTURE
	DROP CURB		CATCH BASIN
	WALL		SIGN
	STONE WALL		LIGHT POLE
	EDGE OF PAVEMENT		UTILITY POLE
	OVERHEAD WIRES		STOCKADE FENCE
	STRUCTURE - MANHOLE		CONTOURS
	GAS VALVE		TOP/BOTTOM OF CURB
	WATER VALVE		SPOT ELEVATION
	HANDICAP PARKING		CONCRETE
	PARKING STALL COUNT		GUY WIRE
	UNDERGROUND ELECTRICAL AND TELCO UTILITIES		NEW FENCE



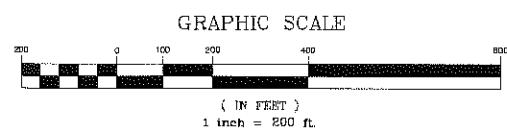
- ### SURVEY NOTES
- THIS MAP AND SURVEY HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT," AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1988.
  - THE TYPE OF SURVEY PERFORMED AND THE MAPPED FEATURES DEPICTED HEREON ARE IN ACCORDANCE WITH THE REQUIREMENTS OF A (PARTIAL) TOPOGRAPHIC SURVEY. BOUNDARY LINES ARE COMPILED FROM OTHER MAPS, DEEDS, AND A LIMITED FIELD SURVEY; THEY DO NOT REPRESENT A PROPERTY BOUNDARY OPINION AND ARE SUBJECT TO CHANGE BASED ON A COMPLETE FIELD SURVEY.
  - VERTICAL ACCURACY CLASS: T-2. ELEVATIONS REFER TO NAD 1983. TOPOGRAPHIC INFORMATION IS LIMITED TO THE AREAS DEPICTED.
  - BEARINGS REFER TO REFERENCE MAP 'D'.
  - REFERENCE MAPS:
    - "SUBDIVISION PLAN COUNTRY MANOR, ADDITION 2 SHEET 3 OF 4" FILED AUGUST 17 1952.
    - "MAP OF WICKHAM ESTATES" FILED APRIL 11, 1952.
    - "MAP OF DARROLL HEIGHTS" FILED JULY 13, 1962.
    - DEED REFERENCE VOL. 1207 PAGE 0127.
  - A PORTION OF THE PROPERTY DEPICTED HEREON MAY BE SUBJECT TO:
    - VARIANCE ALLOWING FOR ENLARGEMENT OF STORAGE AREA RECORDED 7-2-85, BOOK/PAGE 919-323.
    - SEWER ASSESSMENT BY THE METROPOLITAN DISTRICT RECORDED 1-7-75, BOOK/PAGE 569-70 AND RELEASED AT 604-21.
    - CONDITIONS AND RESTRICTIONS SET FORTH IN PRIOR DEED 1207-130 RECORDED 4-12-89, AND IN BOOK/PAGE 215-448, RECORDED 4-5-84.
  - PARCEL OWNER OF RECORD:  
MAP 63 - LOT 348: HENRY J. KRAUSE REVOCABLE TRUST  
McNAMARA, HEIDI K. - TRUSTEE  
465 HILL STREET, EAST HARTFORD, CT 06118
  - SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS PART OF THIS SURVEY.
  - WETLAND FLAGS SET BY ALL-POINTS TECHNOLOGY CORP, DEAN GUSTAFSON, SENIOR SOILS SCIENTIST 8/20/2012.
  - TREES HAVING A CALIPER OF 6" AND GREATER LOCATED ONLY ON A PORTION OF THE PROPERTY.

SITE AREAS & VOLUMES OF EARTHWORK	
SITEWORK SHALL ENTAIL APPROXIMATELY 325 CUBIC YARDS OF CUT (100 CY COMPOUND, 75 CY DRIVEWAY + 150 CY TRENCH EXCAVATION) AND 350 CY FILL (125 CY COMPOUND, 75 CY DRIVEWAY + 150 CY TRENCH EXCAVATION) APPROXIMATELY 180 CUBIC YARDS OF CRUSHED STONE SHALL BE IMPORTED TO CONSTRUCT THE COMPOUND AND ACCESS ROAD.	
COMPOUND AREA SLOPES:	
EXISTING -	7.0%
PROPOSED -	4.6%
TOTAL AREA OF DISTURBANCE = 17,300± SF	
STORMWATER VELOCITY:	
PRIOR TO GROUND COVER = 4.8 FT/SEC	
FOLLOWING GROUND COVER = 4.0 FT/SEC	
GROUND COVER TO BE ESTABLISHED AS FOLLOWS (U.O.N.):	
- WHITE CLOVER @ 0.20#/- SF	
- TALL FESCUE @ 0.45#/- SF	
- RYEGRASS @ 0.10#/- SF	

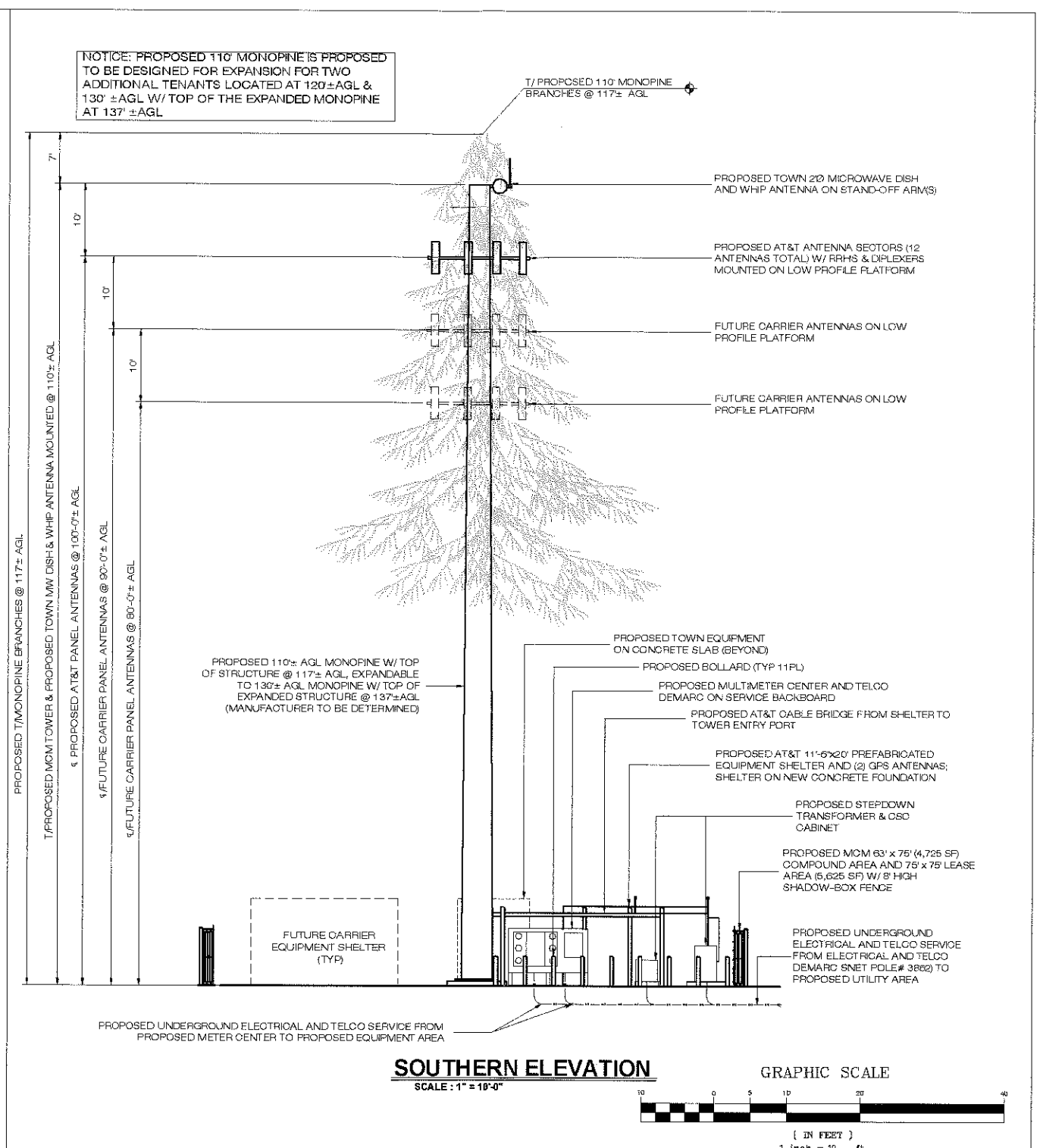
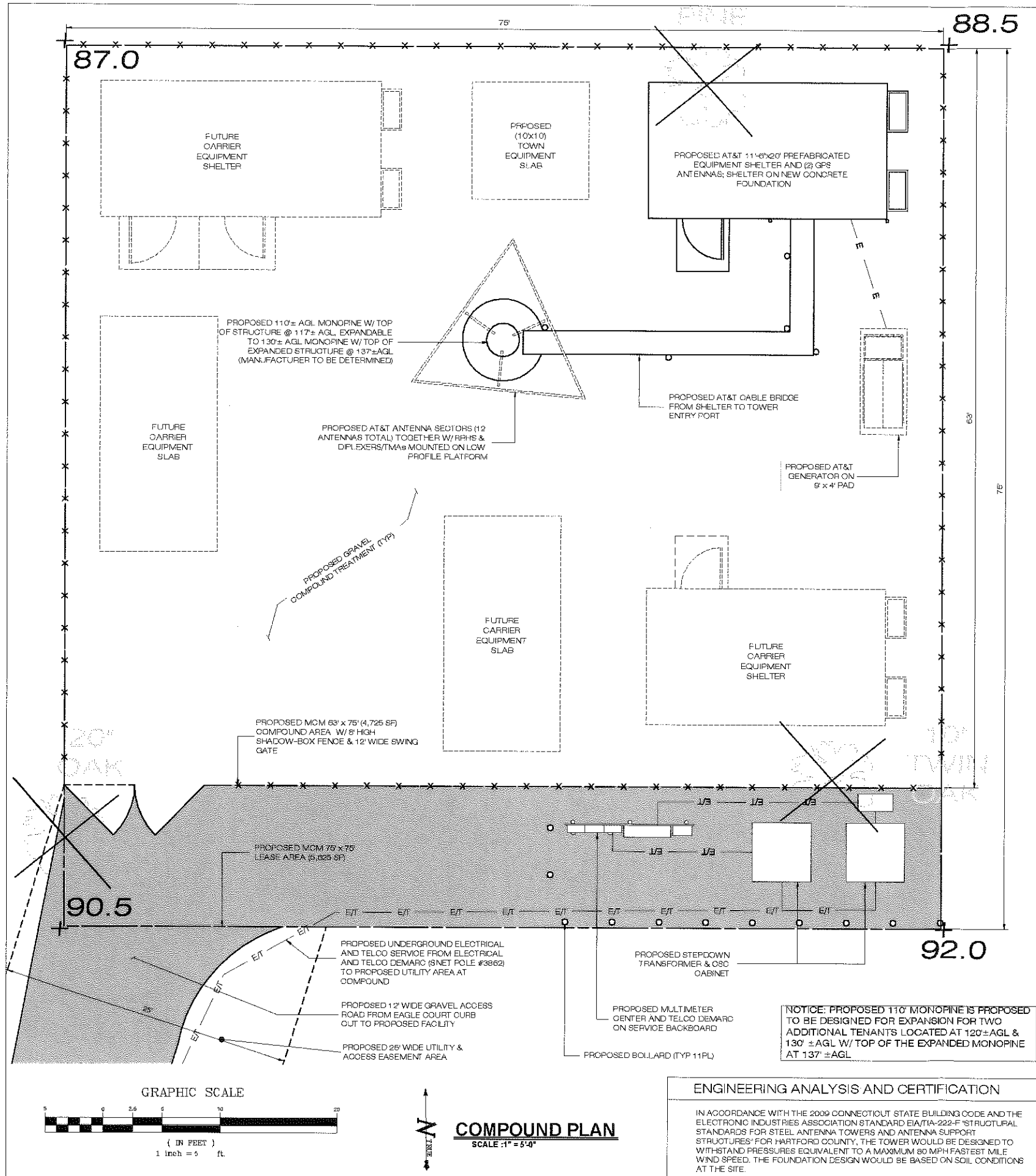
NOTE: 10 TREES WILL BE REMOVED IN CONSTRUCTING THE FACILITY



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



<b>MCM SITE NAME:</b> <b>EAST HARTFORD CT499</b> <b>APT FILING NUMBER:</b> <b>CT-242-280</b>	<b>PERMITTING DOCUMENTS</b> <b>EAST HARTFORD</b> <b>465 HILLS STREET</b> <b>EAST HARTFORD, CT 06118</b>	<b>PARTIAL</b> <b>SITE &amp; GRADING</b> <b>PLAN</b>
	<b>DESIGN TYPE:</b> <b>RAW LAND</b>	
<b>MCM</b> <b>MESSAGE CENTER MANAGEMENT</b> <b>40 WOODLAND STREET</b> <b>HARTFORD, CT 06105</b> <b>OFFICE: (888) 973-7483</b>	<b>REVISIONS:</b> <b>REV. 0: 10/08/12: FOR REVIEW: SMC</b> <b>REV. 1: 10/09/12: FOR FILING: SMC</b> <b>REV. 2: 02/12/13: GENERAL COMMENTS: SMC</b> <b>REV. 3: 05/17/13: ADD TOWN: SMC</b> <b>REV. 4:</b> <b>REV. 5:</b>	<b>SHEET NUMBER:</b> <b>SP-1</b>
	 <b>ALL-POINTS</b> <b>TECHNOLOGY CORPORATION</b> <b>3 SADDLEBROOK DRIVE</b> <b>KILLINGWORTH, CT 06419</b> <b>WWW.ALLPOINTSTECH.COM</b>	<b>PHONE: (860) 661-1697</b> <b>FAX: (860) 663-9935</b>



<p>MCM SITE NAME: <b>EAST HARTFORD CT499</b></p> <p>APT FILING NUMBER: <b>CT-242-280</b></p> <p><b>MCM</b></p> <p>MESSAGE CENTER MANAGEMENT 40 WOODLAND STREET HARTFORD, CT 06105 OFFICE: (888) 973-7483</p>	<p>PERMITTING DOCUMENTS</p> <p><b>EAST HARTFORD 465 HILLS STREET EAST HARTFORD, CT 06118</b></p> <p>DESIGN TYPE:</p> <p><b>RAW LAND</b></p>	<p><b>COMPOUND PLAN &amp; TOWER ELEVATION</b></p> <p>APT FILING NUMBER: CT-242-280</p> <p>APT DRAWING NUMBER: SP-2</p> <p>DRAWN BY: CMS</p> <p>CHECKED BY: SMC</p> <p>SCALE: AS NOTED</p> <p>DATE: 09/12/12</p>
<p>3 SADDLEBROOK DRIVE KILLINGWORTH, CT 06419 WWW.ALLPOINTSIECH.COM</p> <p>PHONE: (860) 663-1877 FAX: (860) 663-0935</p>	<p>REVISIONS:</p> <p>REV.0: 10/08/12; FOR REVIEW: SMC</p> <p>REV.1: 10/09/12; FOR FILING: SMC</p> <p>REV.2: 02/12/13; GENERAL COMMENTS: SMC</p> <p>REV.3: 05/17/13; ADD TOWN: SMC</p> <p>REV.4:</p> <p>REV.5:</p>	<p>SHEET NUMBER:</p> <p><b>SP-2</b></p> <p>REGISTERED PROFESSIONAL ENGINEER STATE OF CONNECTICUT M. CHASE No. 18725</p>

Attachment 2

Photo Simulations and Viewshed Map of a 117' Tower at Candidate A (465 Hills Street)



BALLOON DEPICTED AT 107'

**DOCUMENTATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
1	ADJACENT TO 414 HILLS STREET	SOUTHEAST	+/- 0.18 MILE	YEAR ROUND







**SIMULATION**

PHOTO

1

LOCATION

ADJACENT TO 414 HILLS STREET

ORIENTATION

SOUTHEAST

DISTANCE TO SITE

+/- 0.18 MILE

VISIBILITY

YEAR ROUND





BALLOON DEPICTED AT 107'

**DOCUMENTATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
4	ADJACENT TO 530 HILLS STREET	SOUTHWEST	+/- 0.22 MILE	YEAR ROUND





**SIMULATION**

PHOTO

4

LOCATION

ADJACENT TO 530 HILLS STREET

ORIENTATION

SOUTHWEST

DISTANCE TO SITE

+/- 0.22 MILE

VISIBILITY

YEAR ROUND



ALL-POINTS  
TECHNOLOGY CORPORATION





BALLOON DEPICTED AT 107'

**DOCUMENTATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
5	ADJACENT TO 120 HERBERT DRIVE	WEST	+/- 0.11 MILE	YEAR ROUND



**SIMULATION**

PHOTO

5

LOCATION

ADJACENT TO 120 HERBERT DRIVE

ORIENTATION

WEST

DISTANCE TO SITE

+/- 0.11 MILE

VISIBILITY

YEAR ROUND





BALLOON DEPICTED AT 107'

**DOCUMENTATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
10	EAGLE COURT CUL-DE-SAC (24MM FOCAL LENGTH)	NORTHEAST	+/- 0.08 MILE	YEAR ROUND



ALL-POINTS  
TECHNOLOGY CORPORATION





**SIMULATION**

PHOTO

10

LOCATION

EAGLE COURT CUL-DE-SAC (24MM FOCAL LENGTH)

ORIENTATION

NORTHEAST

DISTANCE TO SITE

+/- 0.08 MILE

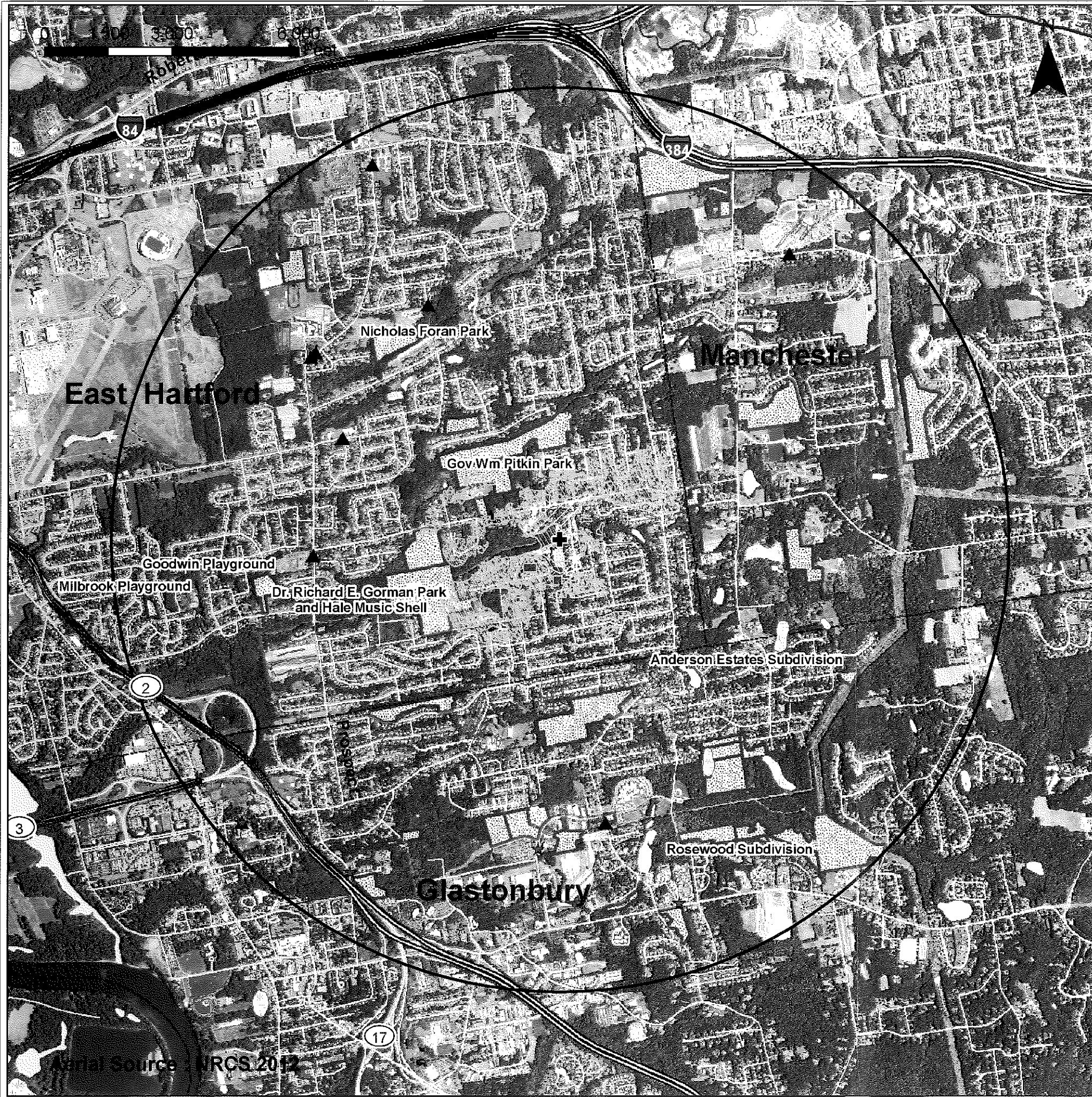
VISIBILITY

YEAR ROUND



ALL-POINTS  
TECHNOLOGY CORPORATION





**REVISED VISIBILITY ANALYSIS**  
**Proposed Wireless Telecommunications Facility**

465 Hills Street  
 East Hartford, CT

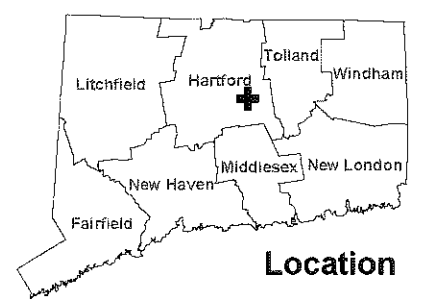
Proposed facility height is 117 feet AGL.  
 Existing tree canopy height estimated as 75 feet.  
 Study area includes 8,042 acres of land.  
 New areas of visibility associated with 10-foot increase have not been field-verified.

Map revised 5/19/2013

*Only those resources located within the Study Area are depicted. For a complete list of data sources consulted for this analysis, please refer to the Documentation Page.*

**Legend**

- Proposed Tower
- 2-Mile Study Area
- Predicted Seasonal Visibility (107-foot tall Facility)
- Predicted Year-Round Visibility (107-foot tall Facility)
- Predicted Year-round Visibility (117-foot tall Facility)
- Commercial Child Day Care Centers
- Schools
- Open Water
- Swamp Marsh
- Trails
- Municipal Private Open Space
- Protected Open Space

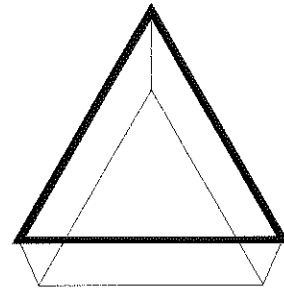
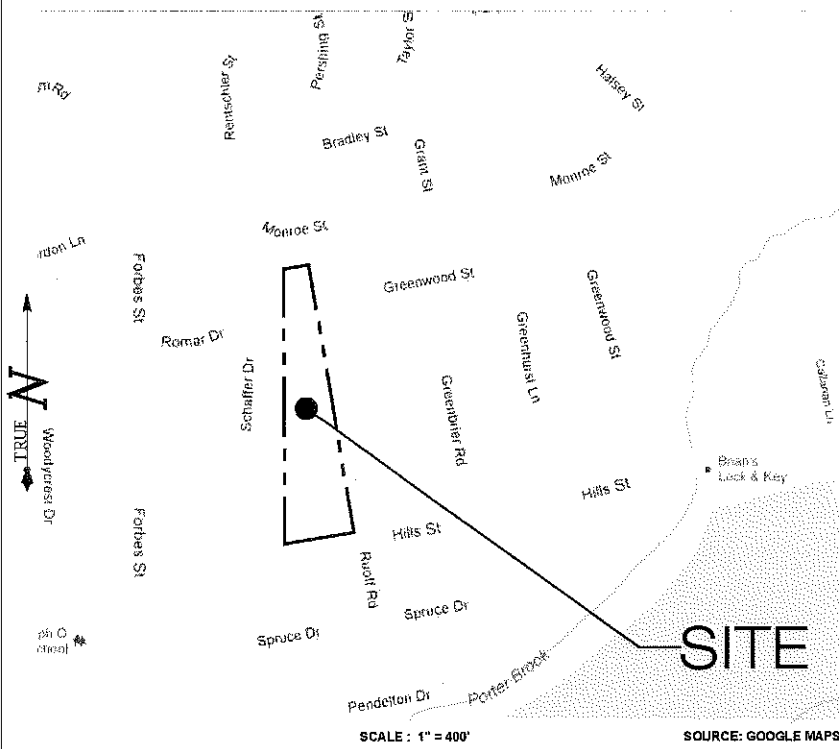


Aerial Source: NRCS 2012



Attachment 3

# LOCATION MAP



**MCM**

**MESSAGE CENTER  
MANAGEMENT**  
40 WOODLAND STREET  
HARTFORD, CT 06105  
OFFICE: (888) 973-7483



3 SADDLEBROOK DRIVE      PHONE: (860)-663-1697  
KILLINGWORTH, CT 06419      FAX: (860)-663-0935  
WWW.ALLPOINTSTECH.COM

## CONTACT PERSONNEL

**APPLICANTS:**  
MESSAGE CENTER MANAGEMENT  
40 WOODLAND STREET  
HARTFORD, CT 06105

**LANDLORD**  
MICHELLE A. & KENNETH DEDOMINICIS  
56 HILLS STREET  
EAST HARTFORD, CT 06118

**MCM PROJECT MANAGER:**  
VIRGINIA KING (860) 727-5790

**MCM PROJECT ATTORNEY:**  
CUDDY & FEDER, LLP  
445 HAMILTON AVE., 14TH FLOOR  
WHITE PLAINS, NY 10601  
914-761-1300

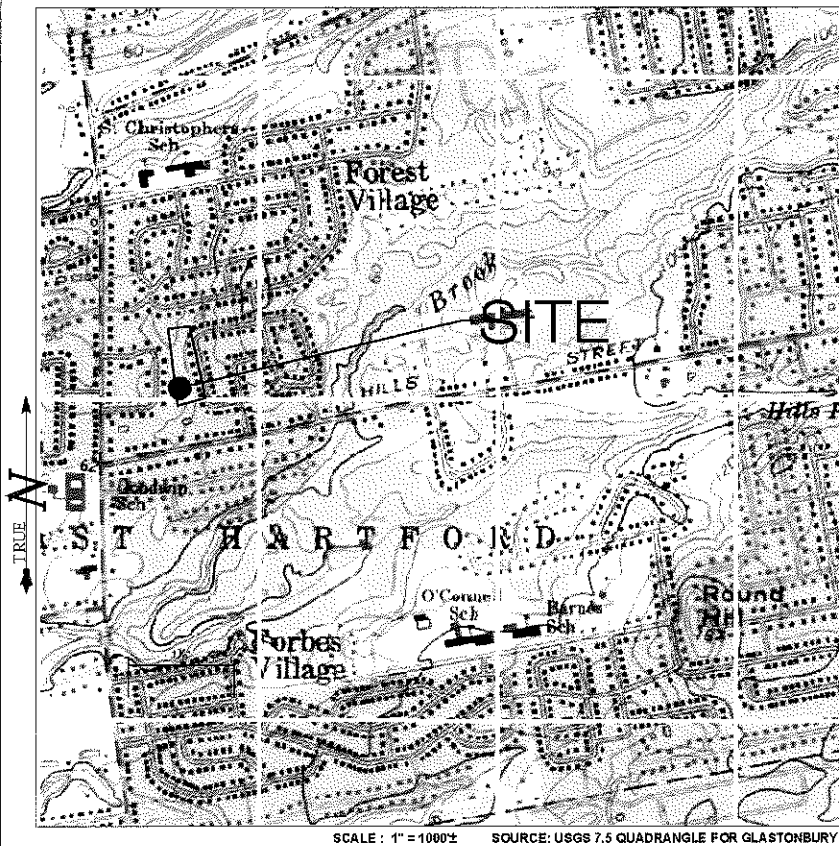
**POWER PROVIDER:**  
CL&P (203) 280-2507  
ERIC LOPES

**TELCO PROVIDER:**  
AT&T: (800)-727-8368  
(SCOT DELUCA: (860) 725-4504

**CALL BEFORE YOU DIG:**  
(800) 922-4455

**GOVERNING CODES:**  
2009 CONNECTICUT BUILDING CODE (2003 IBC BASIS)  
NATIONAL ELECTRIC CODE  
EIA/TIA 222F

# USGS TOPOGRAPHIC MAP



## DRAWING INDEX

- T-1      TITLE SHEET & INDEX
- A-1      ABUTTERS MAP
- 1 OF 1      LIMITED PROPERTY BOUNDARY SURVEY
- SP-1      SITE PLAN
- SP-2      COMPOUND PLAN AND TOWER ELEVATION

## SITE INFORMATION

**EAST HARTFORD  
56 HILLS STREET  
EAST HARTFORD, CT 06118**

**\*SITE INFORMATION:**

-SITE NAME.....	EAST HARTFORD	-ZONE.....	R-2
-SITE ID NUMBER.....	CT-503	-LATITUDE.....	41° 44' 30.45" N
-SITE ADDRESS.....	56 HILLS STREET EAST HARTFORD, CT 06118	-LONGITUDE.....	72° 36' 08.74" W
		-ELEVATION.....	60± AMSL
-MAP.....	42	-FEMA/FIRM DESIGNATION.....	PANEL #09003C0526F - ZONE 'X'
-LOTS.....	370	-ACREAGE.....	5.41± Ac

**PERMITTING DOCUMENTS**

**EAST HARTFORD  
56 HILLS STREET  
EAST HARTFORD, CT 06118**

**TITLE SHEET  
AND INDEX**

**DESIGN TYPE:**

**RAW LAND**

**APT FILING NUMBER: CT-242-281**

**APT DRAWING NUMBER: T-1**

**DRAWN BY: KRS**

**SCALE: AS NOTED**

**CHECKED BY: SMC**

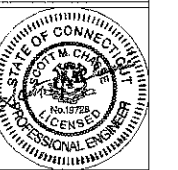
**DATE: 12/07/12**

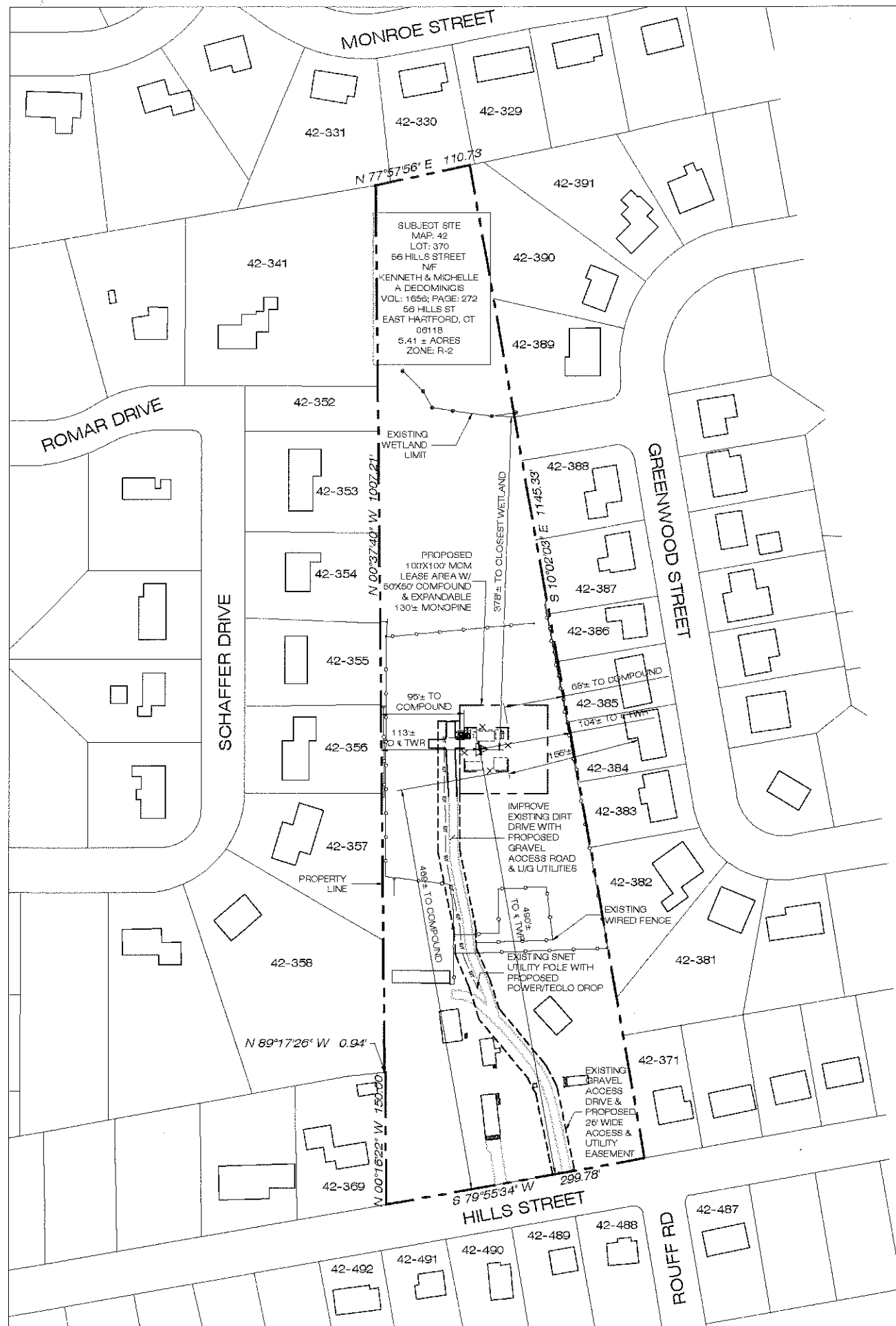
**REVISIONS:**

- REV.0: 01/28/13: FOR REVIEW: SMC
- REV.1: 02/11/13: GENERAL COMMENTS: SMC
- REV.2: 05/17/13: ADD TOWN: SMC
- REV.3:
- REV.4:
- REV.5:

**SHEET NUMBER:**

**T-1**





**ABUTTERS LIST**

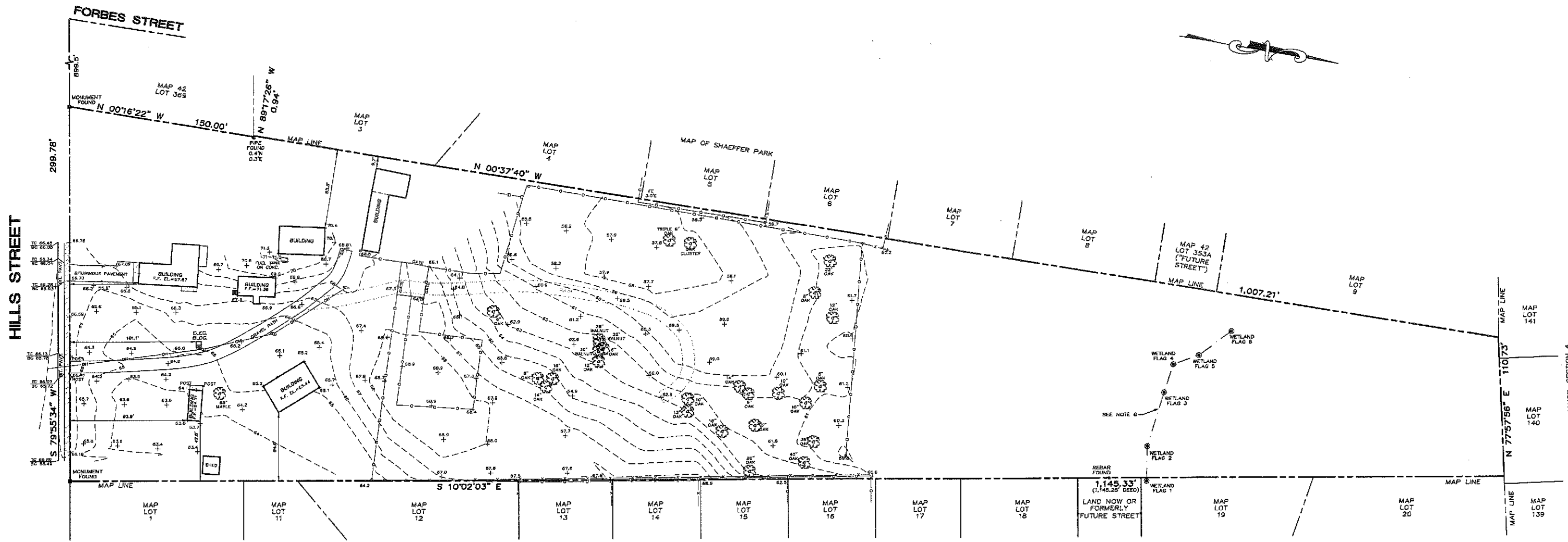
MAP LOT	OWNER	LOCATION	MAILING ADDRESS
42 329	PAUL & REGINA SENEGAL, IRREVOCABLE TRUST JANE PETERS TRUSTEE	220 MONROE ST EAST HARTFORD, CT 06118	220 MONROE ST EAST HARTFORD, CT 06118
42 330	MERLIN B CHRISTIANSON	228 MONROE ST EAST HARTFORD, CT 06118	226 MONROE ST EAST HARTFORD, CT 06118
42 331	IRENE M HOVANEC	232 MONROE ST EAST HARTFORD, CT 06118	232 MONROE ST EAST HARTFORD, CT 06118
42 341	KENNETH & EILEEN E KJUMMER	34 ROMAR DR EAST HARTFORD, CT 06118	34 ROMAR DR EAST HARTFORD, CT 06118
42 353	LYDIA CASSARINO	67 SCHAFER DR EAST HARTFORD, CT 06118	67 SCHAFER DR EAST HARTFORD, CT 06118
42 353A	LYDIA CASSARINO	71 SCHAFER DR EAST HARTFORD, CT 06118	67 SCHAFER DR EAST HARTFORD, CT 06118
42 354	LAWRENCE J & SHARON J JACKSON	57 SCHAFER DR EAST HARTFORD, CT 06118	57 SCHAFER DR EAST HARTFORD, CT 06118
42 355	SIMONE M ST ONGE	49 SCHAFER DR EAST HARTFORD, CT 06118	49 SCHAFER DR EAST HARTFORD, CT 06118
42 356	OTIS RODGERS	41 SCHAFER DR EAST HARTFORD, CT 06118	41 SCHAFER DR EAST HARTFORD, CT 06118
42 357	LOUIS A & BERTHE Y CHAMBERLAND	35 SCHAFER DR EAST HARTFORD, CT 06118	35 SCHAFER DR EAST HARTFORD, CT 06118
42 358	PETER HYDOCK	31 SCHAFER DR EAST HARTFORD, CT 06118	31 SCHAFER DR EAST HARTFORD, CT 06118
42 369	FRANK A MASTROPASQUA	42 HILLS ST EAST HARTFORD, CT 06118	42 HILLS ST EAST HARTFORD, CT 06118
42 370	KENNETH & MICHELLE A DEDOMINICIS	56 HILLS ST EAST HARTFORD, CT 06118	56 HILLS ST EAST HARTFORD, CT 06118
42 371	BEACON FIELD GROUP, LLC	74 HILLS ST EAST HARTFORD, CT 06118	74 HILLS ST EAST HARTFORD, CT 06118
42 381	PAMELA LAWRENCE	208 GREENWOOD ST EAST HARTFORD, CT 06118	208 GREENWOOD ST EAST HARTFORD, CT 06118
42 382	PATRICIA BELTON	206 GREENWOOD ST EAST HARTFORD, CT 06118	206 GREENWOOD ST EAST HARTFORD, CT 06118
42 383	SUSAN E ROGWOSO	202 GREENWOOD ST EAST HARTFORD, CT 06118	202 GREENWOOD ST EAST HARTFORD, CT 06118
42 384	CONSTANCE M & WILLIAM E LANDRY	196 GREENWOOD ST EAST HARTFORD, CT 06118	196 GREENWOOD ST EAST HARTFORD, CT 06118
42 385	VANESSA & JOSE ROLDAN	190 GREENWOOD ST EAST HARTFORD, CT 06118	190 GREENWOOD ST EAST HARTFORD, CT 06118
42 386	RICARDO D & ROSANA MARDALES	184 GREENWOOD ST EAST HARTFORD, CT 06118	184 GREENWOOD ST EAST HARTFORD, CT 06118
42 387	MARCO & CARLA SOUSA	178 GREENWOOD ST EAST HARTFORD, CT 06118	178 GREENWOOD ST EAST HARTFORD, CT 06118
42 388	JOHN M SCHREIBER	172 GREENWOOD ST EAST HARTFORD, CT 06118	172 GREENWOOD ST EAST HARTFORD, CT 06118
42 389	RUTH JOHNSON	162 GREENWOOD ST EAST HARTFORD, CT 06118	162 GREENWOOD ST EAST HARTFORD, CT 06118
42 390	AYI KELES	156 GREENWOOD ST EAST HARTFORD, CT 06118	156 GREENWOOD ST EAST HARTFORD, CT 06118
42 391	HERBERT E BYNUM & CARLOS A VARGAS MARTI	152 GREENWOOD ST EAST HARTFORD, CT 06118	152 GREENWOOD ST EAST HARTFORD, CT 06118
42 467	ROSE M DAHMS	77 HILLS ST EAST HARTFORD, CT 06118	77 HILLS ST EAST HARTFORD, CT 06118
42 486	ARTHUR J, Jr. & KIMBERLY L WILLIAMS	67 HILLS ST EAST HARTFORD, CT 06118	67 HILLS ST EAST HARTFORD, CT 06118
42 489	RAYMOND W. & SUSAN M HUITT	61 HILLS ST EAST HARTFORD, CT 06118	61 HILLS ST EAST HARTFORD, CT 06118
42 490	JASON A. & LUZ D. MILLER	56 HILLS ST EAST HARTFORD, CT 06118	56 HILLS ST EAST HARTFORD, CT 06118
42 491	RACHEL & CESAR A, Jr. RIVERA	49 HILLS ST EAST HARTFORD, CT 06118	49 HILLS ST EAST HARTFORD, CT 06118
42 492	CHARLES J & DOLORES A. CICHOWICZ	43 HILLS ST EAST HARTFORD, CT 06118	43 HILLS ST EAST HARTFORD, CT 06118

BASE MAPPING FROM:

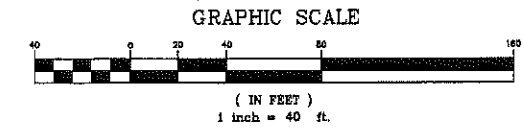
1. PLAN ENTITLED "LIMITED BOUNDARY SURVEY - PROPERTY SITUATE 56 HILLS STREET EAST HARTFORD, CT" PREPARED BY BARRETT, BONACCI, AND VAN WEELE OF HAUPPAUGE, NY DATED DECEMBER 7, 2012.
2. TOWN OF EAST HARTFORD ASSESSORS MAP #42.
3. TOWN OF EAST HARTFORD GIS WEBSITE.
4. DIGITAL GLOBAL 2010 DIGITAL ORTHOPHOGRAPHS.

**ABUTTERS MAP**  
SCALE: 1" = 100'-0"

<p>MCM SITE NAME: <b>EAST HARTFORD CT-503</b></p> <p>APT FILING NUMBER: <b>CT-242-281</b></p> <p>MESSAGE CENTER MANAGEMENT 40 WOODLAND STREET HARTFORD, CT 06105 OFFICE: (888) 973-7483</p> <p>MCM</p> <p><b>ALL-POINTS</b> TECHNOLOGY CORPORATION</p> <p>3 SADDLEBROOK DRIVE KILLINGWORTH, CT 06419 WWW.ALLPOINTSTECH.COM</p> <p>PHONE: (860)-663-1697 FAX: (860)-663-0935</p>	<p>PERMITTING DOCUMENTS</p> <p><b>EAST HARTFORD 56 HILLS STREET EAST HARTFORD, CT 06118</b></p> <p>DESIGN TYPE:</p> <p><b>RAW LAND</b></p> <p>REVISIONS:</p> <p>REV.0: 01/28/13: FOR REVIEW: SMC REV.1: 02/11/13: GENERAL COMMENTS: SMC REV.2: 05/17/13: ADD TOWN: SMC REV.3: REV.4: REV.5:</p>	<p><b>ABUTTERS MAP</b></p> <p>APT FILING NUMBER: CT-242-281</p> <p>APT DRAWING NUMBER: A-1</p> <p>DRAWN BY: KRS</p> <p>CHECKED BY: SMC</p> <p>SCALE: AS NOTED</p> <p>DATE: 12/07/12</p> <p>SHEET NUMBER: <b>A-1</b></p> <p>STATE OF CONNECTICUT PROFESSIONAL ENGINEER</p>
	<p>STATE OF CONNECTICUT PROFESSIONAL ENGINEER</p>	



MAP OF GREEN ACRES INC.



**SURVEY NOTES**

- THIS MAP AND SURVEY HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT," AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.
- MAPPING INFORMATION  
 SURVEY TYPE: IMPROVEMENT LOCATION SURVEY  
 CATEGORY: DEPENDANT RESURVEY (REFERENCE MAP A)  
 HORIZONTAL CLASS: A-2  
 TOPOGRAPHIC CLASS: T-2 (ELEVATIONS REFER TO N.A.V.D. 1988).
- REFERENCE MAPS  
 (A) BOUNDARY PLAN PREPARED BY MESSIER & ASSOCIATES, INC DATED 04/97.  
 (B) MAP OF SHAEFFER PARK FILED AUGUST 23 1952.  
 (C) MAP OF GREEN ACRES (GREENWOOD STREET) FILED APRIL 25, 1952.  
 (D) MAP OF FORBES MANOR SECTION 4 FILED AUGUST 5, 1956.
- PARCEL OWNER OF RECORD: KENNETH & MICHELLE DEDOMINICIS  
 MAP 42 - LOT 370  
 56 HILLS STREET, EAST HARTFORD, CT 06115
- SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS PART OF THIS SURVEY.
- WETLAND FLAGS SET BY ALL POINTS TECHNOLOGY CORP, DEAN GUSTAFSON, SENIOR SOILS SCIENTIST 12/12/2012.
- TREES HAVING A CALIPER OF 6" AND GREATER LOCATED ONLY ON A PORTION OF THE PROPERTY.

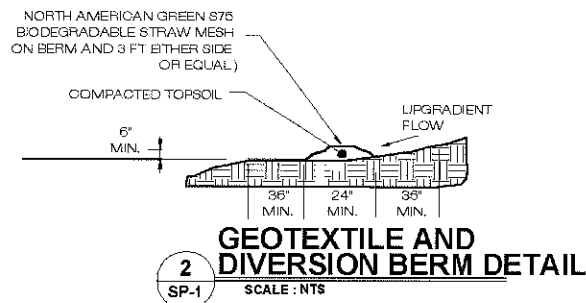
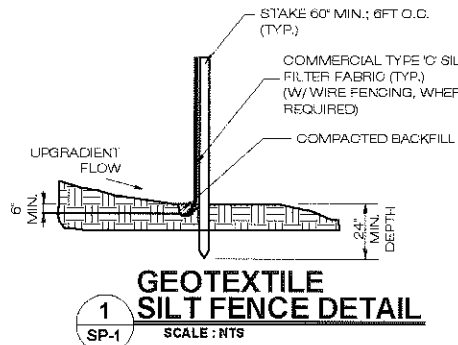
**LEGEND**

- CONCRETE CURB
- DROP CURB
- EDGE OF PAVEMENT
- OH — OVERHEAD WIRES
- ELECTRIC CONTROL BOX
- UTILITY POLE
- CHAIN LINK FENCE
- FENCE OTHER
- TOP/BOTTOM OF CURB
- SPOT ELEVATION
- 65 — CONTOURS
- CONCRETE
- GUY WIRE
- TREE

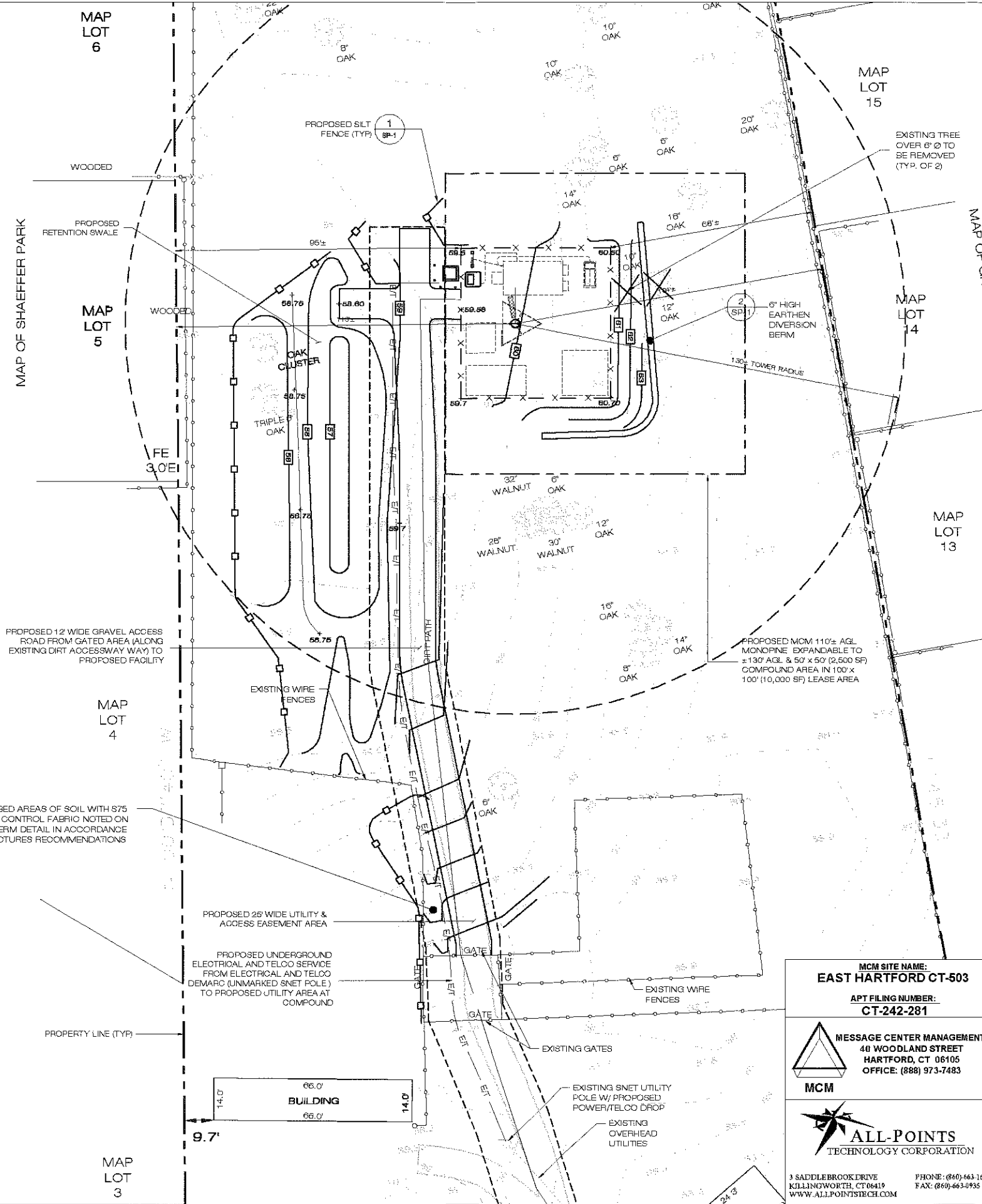
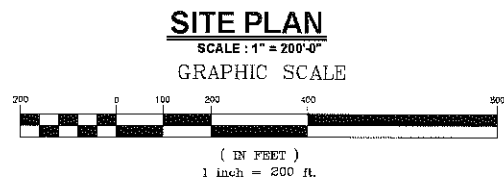
1/29/2013 PR		REVISED		Tax Map: MAP 42 LOT 370			
1/28/2013 PR		REVISE NOTES		Date <b>DECEMBER 7, 2012</b>			
Date By		Revision		PROPERTY SITUATE 56 HILLS STREET EAST HARTFORD CONNECTICUT			
Surveyed by: PF		Drafted by: PR		Checked by: GJB			
<b>Barrett Bonacci &amp; Van Weele, PC</b> Civil Engineers Surveyors Planners		175A Commerce Drive Hauppauge, NY 11788 T 631.435.1111 F 631.435.1022 www.bbvp.com				LIMITED PROPERTY SURVEY	
						Scale 1" = 40' Project No. C120009 Sheet No. 1 of 1	

J:\MAPS\11-20-2013\11-20-2013 2:13:19 PM, BARRETT, BONACCI & VAN WEELE, P.L., PC

LEGEND			
	CURB		DRAINAGE INLET / STRUCTURE
	DROP CURB		CATCH BASIN
	WALL		SIGN
	STONE WALL		LIGHT POLE
	EDGE OF PAVEMENT		UTILITY POLE
	OVERHEAD WIRES		STOCKADE FENCE
	STRUCTURE - MANHOLE		CONTOURS
	GAS VALVE		TOP/BOTTOM OF CURB
	WATER VALVE		SPOT ELEVATION
	HANDICAP PARKING		CONCRETE
	PARKING STALL COUNT		GUY WIRE
	UNDERGROUND ELECTRICAL AND TELCO UTILITIES		NEW FENCE



LINE DISTURBED AREAS OF SOIL WITH S75 EROSION CONTROL FABRIC NOTED ON DIVERSION BERM DETAIL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS

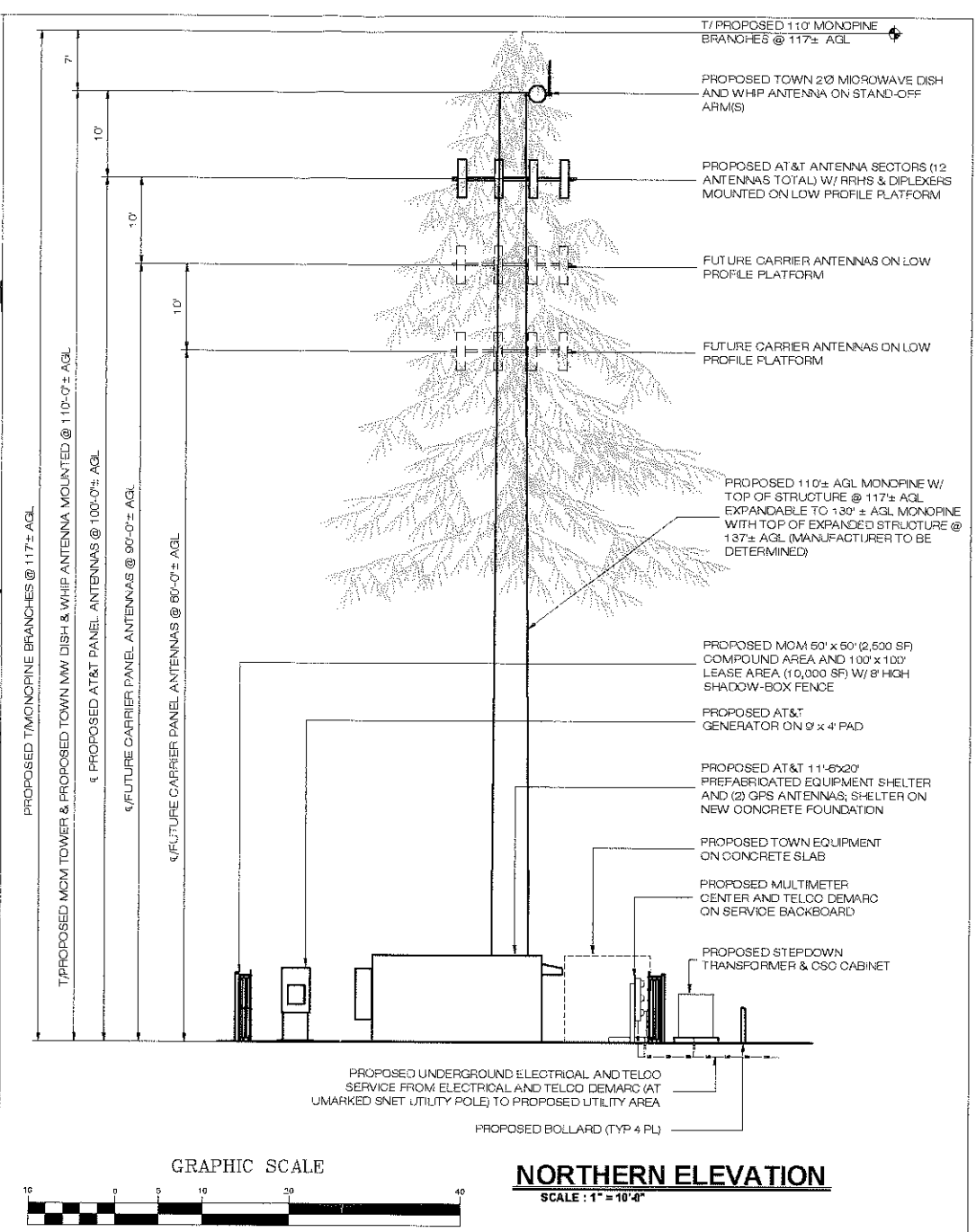
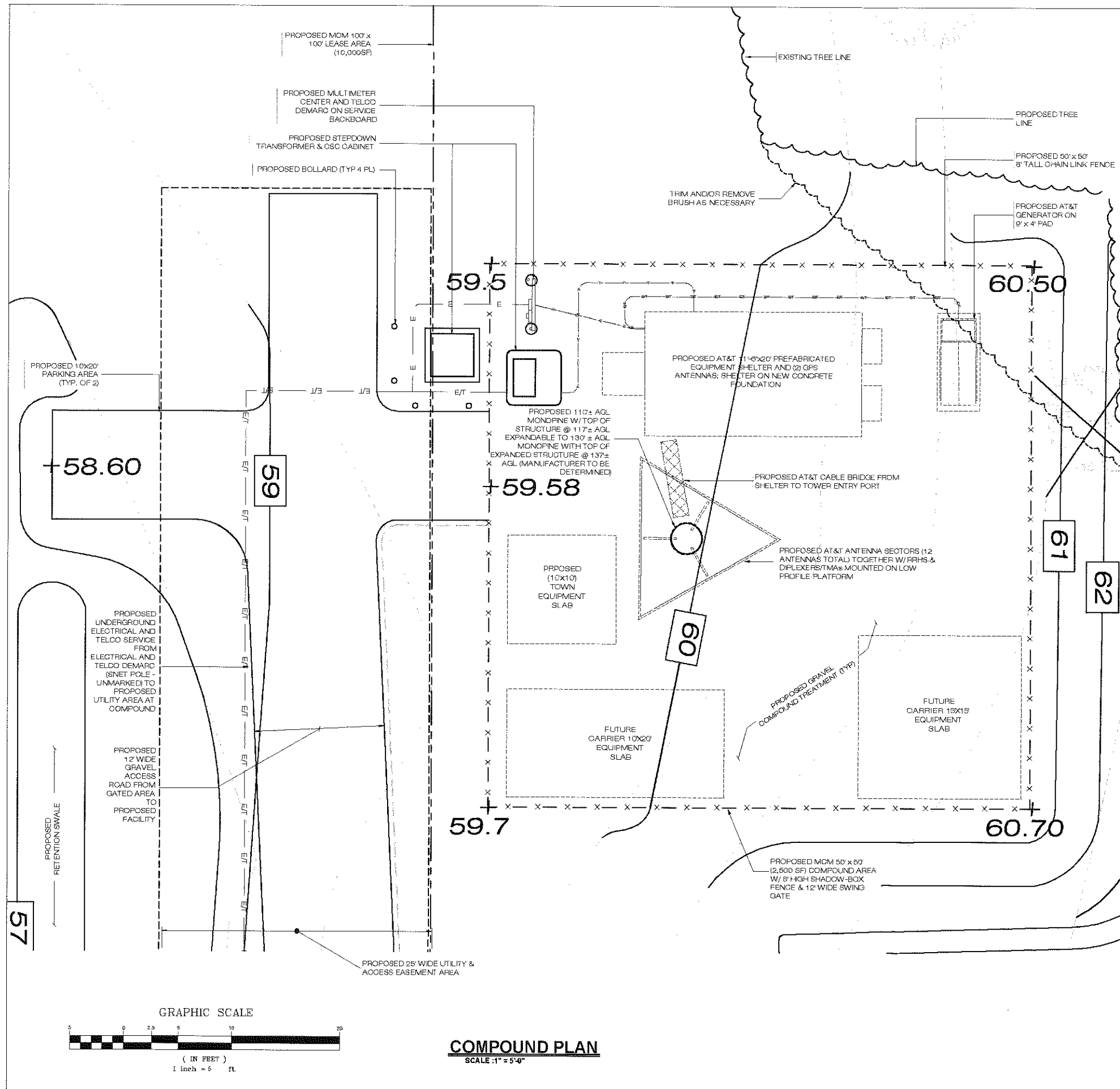


**SURVEY NOTES**

- THIS MAP AND SURVEY HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT," AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1995.  
  
THE TYPE OF SURVEY PERFORMED AND THE MAPPED FEATURES DERIVED HEREON ARE IN ACCORDANCE WITH THE REQUIREMENTS OF A (PARTIAL) TOPOGRAPHIC SURVEY. BOUNDARY LINES ARE COMPILED FROM OTHER MAPS, DEEDS, AND A LIMITED FIELD SURVEY; THEY DO NOT REPRESENT A PROPERTY BOUNDARY OPINION AND ARE SUBJECT TO CHANGE BASED ON A COMPLETE FIELD SURVEY.
- MAPPING INFORMATION:  
SURVEY TYPE - IMPROVEMENT LOCATION SURVEY  
CATEGORY - DEPENDANT RESURVEY (REFERENCE MAP A)  
HORIZONTAL CLASS - A-2  
VERTICAL CLASS - T-2 (ELEVATIONS REFER TO N.A.V.D. 1988).
- REFERENCE MAPS:  
(A) BOUNDARY PLAN PREPARED BY MESSIER & ASSOCIATES, INC. DATE 04/97.  
(B) MAP OF SHAEFFER PARK FILED AUGUST 23, 1992.  
(C) MAP OF GREEN ACRES (GREENWOOD STREET) FILED APRIL 25, 1992.  
(D) MAP OF FORBES MANOR SECTION 4 FILED AUGUST 5, 1992.
- PARCEL OWNER OF RECORD:  
KENNETH & MICHELLE A. DE DOMINICIS  
MAP 42 - LOT 970  
56 HILLS STREET EAST HARTFORD, CT 06118
- SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS PART OF THIS SURVEY.
- WETLAND FLAGS SET BY ALL-POINTS TECHNOLOGY CORP, DEAN GUSTAFSON, SENIOR SOILS SCIENTIST 12/12/2012.
- TREES HAVING A CALIPER OF 6" AND GREATER LOCATED ONLY ON A PORTION OF THE PROPERTY.

SITE AREAS & VOLUMES OF EARTHWORK	
SITEWORK SHALL ENTAIL APPROXIMATELY 51 CUBIC YARDS OF CUT FOR TRENCH EXCAVATION AND 40 CY CUT (COMPOUND & DRIVEWAY) W/ APPROXIMATELY 1.35 CUBIC YARDS OF CRUSHED STONE SHALL BE IMPORTED TO CONSTRUCT THE COMPOUND AND ACCESS ROAD.	
COMPOUND AREA SLOPES: EXISTING - 4.9% PROPOSED - 2.0%	
TOTAL AREA OF DISTURBANCE = 16,400± SF	
STORMWATER VELOCITY: PRIOR TO GROUND COVER < 5.0 FT/SEC FOLLOWING GROUND COVER < 5.0 FT/SEC	
GROUND COVER TO BE ESTABLISHED AS FOLLOWS (U.O.N.): - WHITE CLOVER @ 0.20#/- SF - TALL FESCUE @ 0.45#/- SF - RYEGRASS @ 0.10#/- SF	
NOTE: 2 TREES WILL BE REMOVED IN CONSTRUCTING THE FACILITY	

<b>MCM SITE NAME:</b> EAST HARTFORD CT-503  <b>APT FILING NUMBER:</b> CT-242-281   <b>MESSAGE CENTER MANAGEMENT</b> 40 WOODLAND STREET HARTFORD, CT 06105 OFFICE: (888) 973-7483	<b>PERMITTING DOCUMENTS</b>  <b>EAST HARTFORD</b> 56 HILLS STREET EAST HARTFORD, CT 06118	<b>PARTIAL</b> <b>SITE &amp; GRADING</b> <b>PLAN</b>  <b>APT FILING NUMBER:</b> CT-242-281 <b>APT DRAWING NUMBER:</b> SP-1 <b>DRAWN BY:</b> KRS <b>CHECKED BY:</b> SMC <b>SCALE:</b> AS NOTED <b>DATE:</b> 12/07/12
	<b>DESIGN TYPE:</b>  <b>RAW LAND</b>	
 <b>ALL-POINTS</b> TECHNOLOGY CORPORATION  3 SADDLEBROOK DRIVE KILLINGWORTH, CT 06419 WWW.ALLPOINTSINC.COM	<b>SHEET NUMBER:</b>  <b>SP-1</b>  	<b>PHONE:</b> (860) 463-1897 <b>FAX:</b> (860) 463-0935

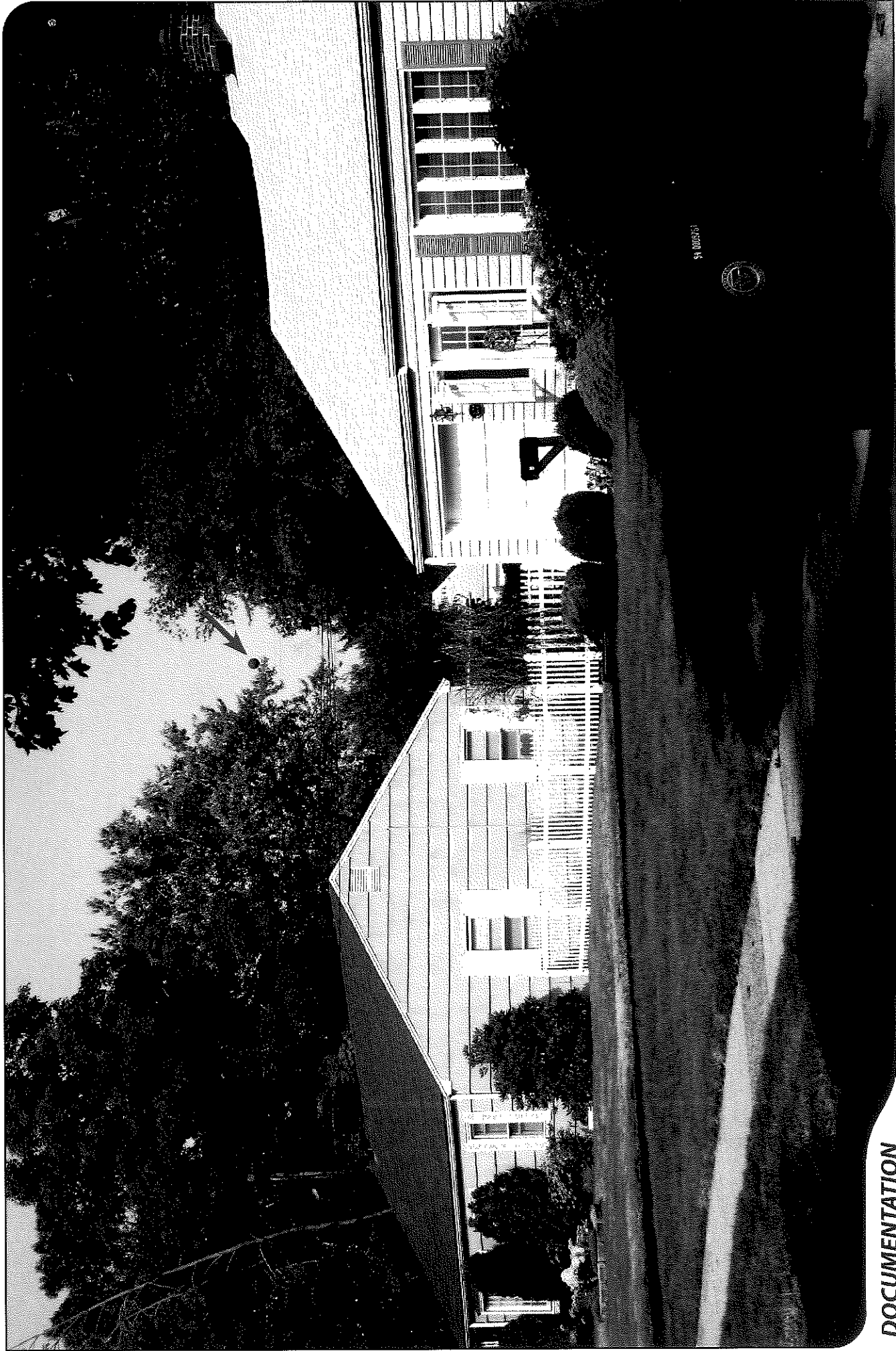


<p>GRAPHIC SCALE ( IN FEET ) 1 inch = 10 ft.</p>		
<p><b>ENGINEERING ANALYSIS AND CERTIFICATION</b></p> <p>IN ACCORDANCE WITH THE 2009 CONNECTICUT STATE BUILDING CODE AND THE ELECTRONIC INDUSTRIES ASSOCIATION STANDARD EIA/TIA-222-F 'STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORT STRUCTURES' FOR HARTFORD COUNTY, THE TOWER WOULD BE DESIGNED TO WITHSTAND PRESSURES EQUIVALENT TO A MAXIMUM 80 MPH FASTEST MLE WIND SPEED. THE FOUNDATION DESIGN WOULD BE BASED ON SOIL CONDITIONS AT THE SITE.</p>		
<p><b>MCM SITE NAME:</b> EAST HARTFORD CT-503</p> <p><b>APT FILING NUMBER:</b> CT-242-281</p> <p><b>MESSAGE CENTER MANAGEMENT</b> 40 WOODLAND STREET HARTFORD, CT 06105 OFFICE: (888) 973-7483</p> <p><b>MCM</b></p>	<p><b>PERMITTING DOCUMENTS</b></p> <p><b>EAST HARTFORD</b> 56 HILLS STREET EAST HARTFORD, CT 06118</p> <p><b>DESIGN TYPE:</b></p> <p><b>RAW LAND</b></p>	<p><b>COMPOUND PLAN &amp; TOWER ELEVATION</b></p> <p><b>APT FILING NUMBER:</b> CT-242-281</p> <p><b>APT DRAWING NUMBER:</b> SP-2</p> <p><b>DRAWN BY:</b> KRS</p> <p><b>CHECKED BY:</b> SMC</p> <p><b>SCALE:</b> AS NOTED</p> <p><b>DATE:</b> 12/07/12</p> <p><b>REVISIONS:</b></p> <p>REV.0: 01/28/13: FOR REVIEW: SMC          REV.1: 02/11/13: GENERAL COMMENTS: SMC          REV.2: 05/17/13: ADD TOWN: SMC          REV.3:          REV.4:          REV.5:</p> <p><b>SHEET NUMBER:</b> <b>SP-2</b></p>
<p><b>ALL-POINTS TECHNOLOGY CORPORATION</b></p> <p>3 SADDLEBROOK DRIVE KILLINGWORTH, CT 06419 PHONE: (860) 663-1697 FAX: (860) 663-9935 WWW.ALLPOINTSTECH.COM</p>		

Attachment 4

Photo Simulations and Viewshed Map of a 117' Tower at Candidate B (56 Hills Street)



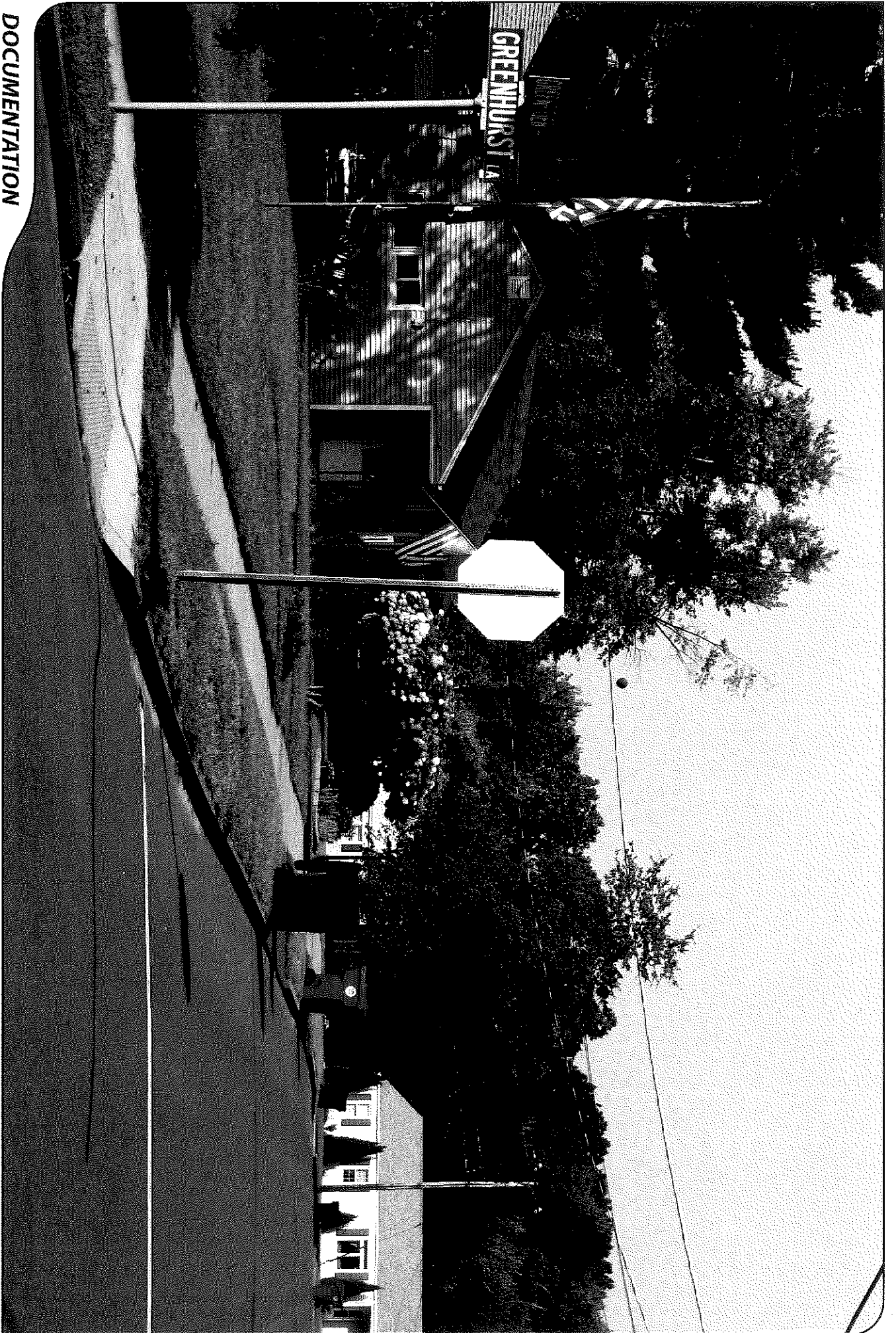


\$1 000531

**DOCUMENTATION**

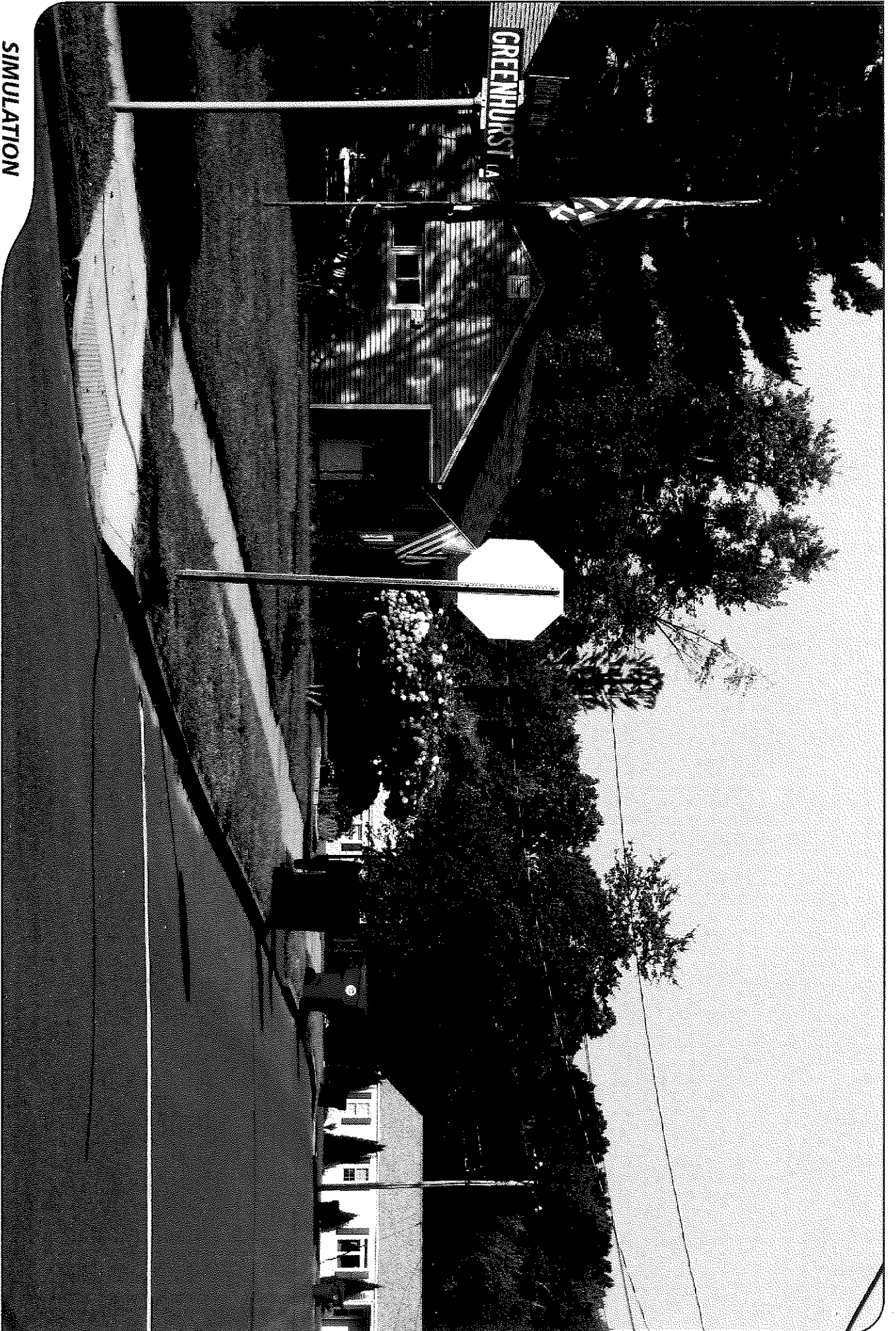
PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
3	HILLS STREET	NORTHWEST	+/- 0.19 MILE	YEAR ROUND





**DOCUMENTATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
5	GREENHURST LANE	SOUTHWEST	+/- 0.18 MILE	YEAR ROUND



**SIMULATION**

PHOTO

5

LOCATION

GREENHURST LANE

ORIENTATION

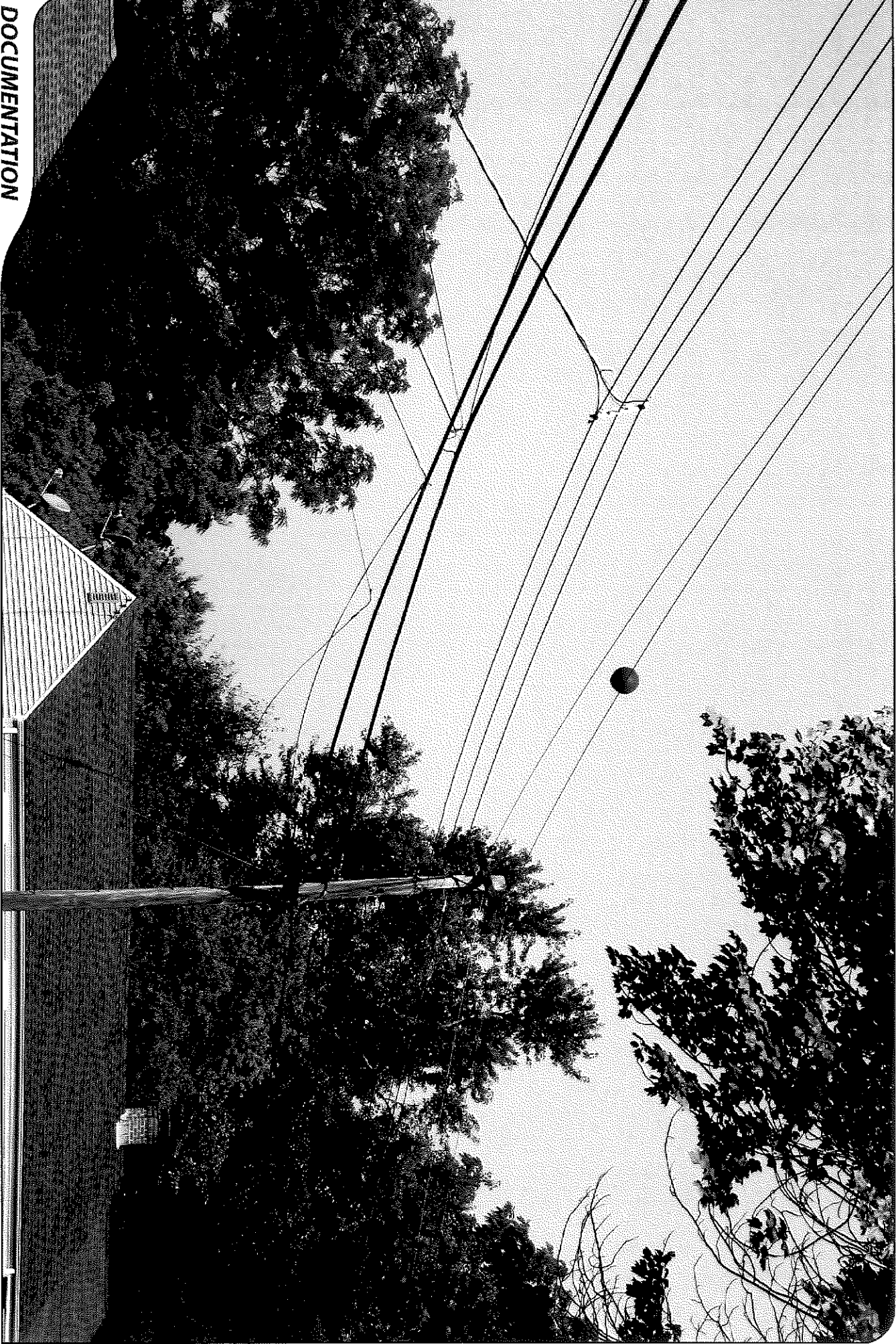
SOUTHWEST

DISTANCE TO SITE

+/- 0.18 MILE

VISIBILITY

YEAR ROUND



**DOCUMENTATION**

PHOTO

6

LOCATION

GREENWOOD STREET

ORIENTATION

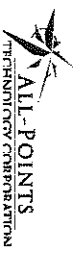
NORTHWEST

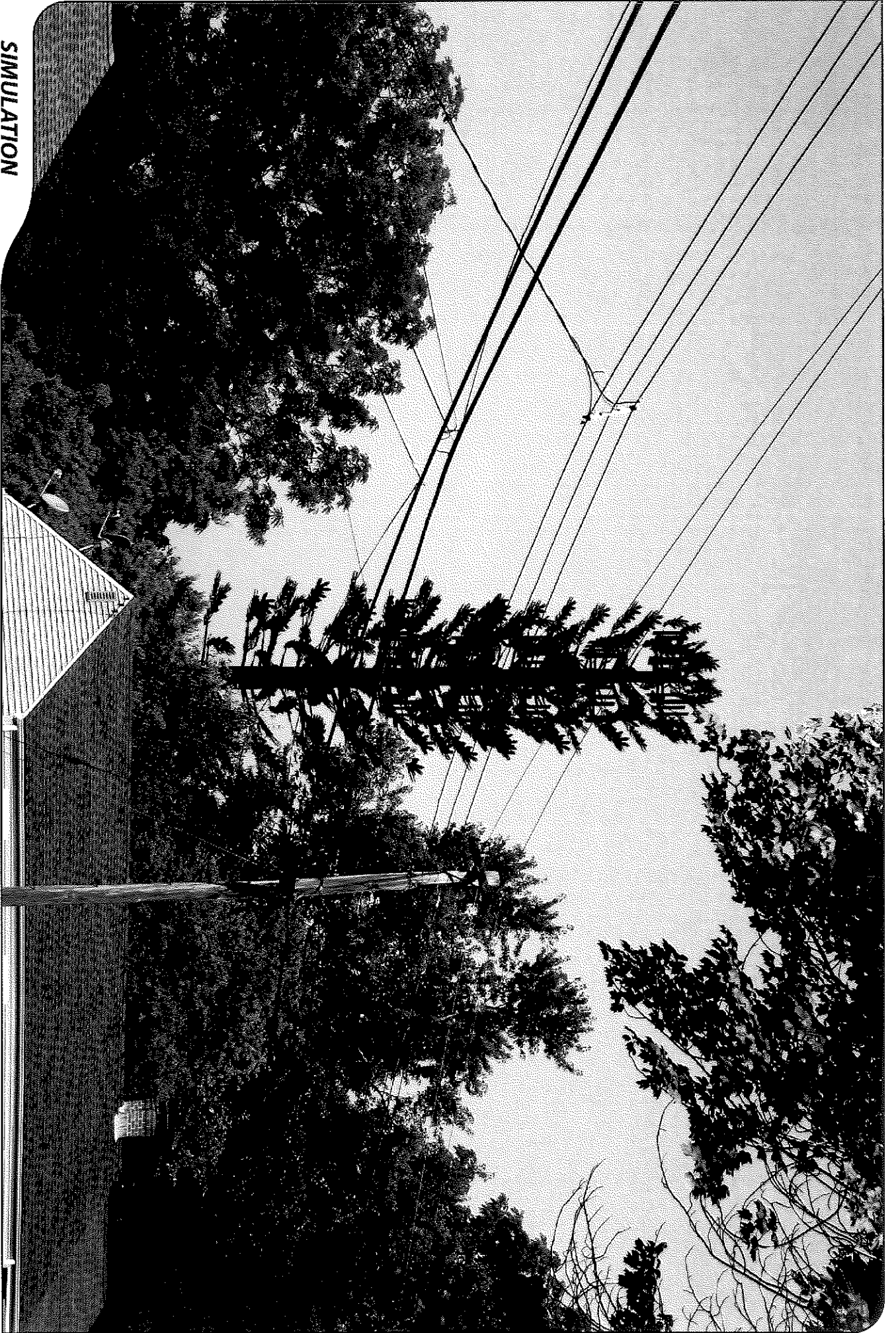
DISTANCE TO SITE

+/- 0.07 MILE

VISIBILITY

YEAR ROUND





**SIMULATION**

PHOTO

6

LOCATION

GREENWOOD STREET

ORIENTATION

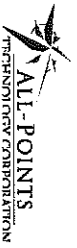
NORTHWEST

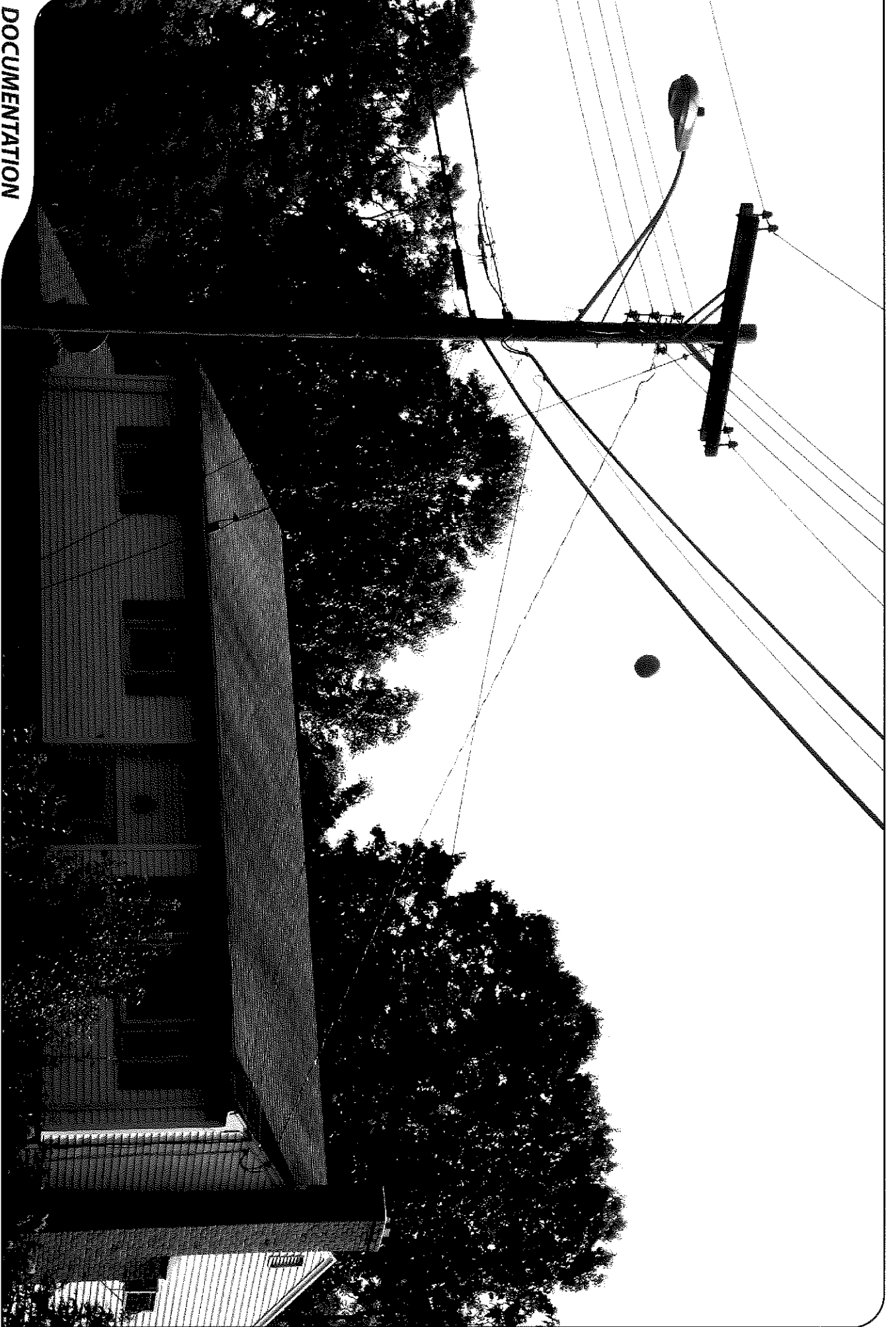
DISTANCE TO SITE

+/- 0.07 MILE

VISIBILITY

YEAR ROUND





**DOCUMENTATION**

PHOTO

9

LOCATION

ADJACENT TO 25 SCHAFFER DRIVE

ORIENTATION

NORTHEAST

DISTANCE TO SITE

+/- 0.08 MILE

VISIBILITY

YEAR ROUND



**SIMULATION**

PHOTO

9

LOCATION

ADJACENT TO 25 SCHAFER DRIVE

ORIENTATION

NORTHEAST

DISTANCE TO SITE

+/- 0.08 MILE

VISIBILITY

YEAR ROUND



**REVISED VISIBILITY ANALYSIS**  
 Proposed Wireless Telecommunications Facility

56 Hills Street  
 East Hartford, CT

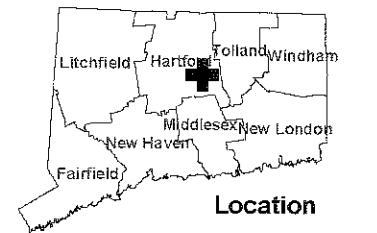
Proposed facility height is 117 feet AGL.  
 Existing tree canopy height estimated as 65 feet.  
 Study area includes 8,042 acres of land.  
 New areas of visibility associated with 10-foot increase have not been field-verified.

Map revised 5/19/2013

*Only those resources located within the Study Area are depicted. For a complete list of data sources consulted for this analysis, please refer to the Documentation Page.*

**Legend**

- +** Proposed Tower
- Predicted Year-Round Visibility (107-foot tall Facility)
- Predicted Seasonal Visibility (107-foot tall Facility)
- Predicted Year-round Visibility (117-foot tall Facility)
- 2-Mile Study Area
- National Register
- Private
- Protected Open Space(f)
- Trails
- Town





## Attachment 5

Tony Wells  
 C Squared Systems  
 920 Candia Road  
 Manchester, NH 03109  
 603-644-2800  
 Tony.Wells@csquaredsystems.com



May 29, 2013

Connecticut Siting Council

Subject: New Cingular Wireless, East Hartford, CT

Dear Connecticut Siting Council:

C Squared Systems has been retained by New Cingular Wireless to investigate the RF Power Density at the proposed site located at 465 Hills Street in East Hartford, 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 pointing directly at the ground. 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.

Assumed worst-case parameters were used to estimate the maximum % MPE for the East Hartford Fire Department microwave link (Max 2 watts radio output power and a 30 dB gain microwave dish antenna). According to the information provided to C Squared, the proposed EHFD whip antenna will be receive-only and therefore has no associated emissions.

Location	Carrier	Antenna Centerline Height Above Ground Level (Ft.)	Operating Frequency (MHz)	Number of Trans.	Effective Radiated Power (ERP) Per Transmitter (Watts)	Power Density (mw/cm <sup>2</sup> )	Limit	% FCC MPE Limit General Public/Uncontrolled
Ground Level	AT&T UMTS	100	880	1	500	0.0204	0.5867	3.47%
	AT&T UMTS	100	1900	1	500	0.0204	1.0000	2.04%
	AT&T LTE	100	734	1	500	0.0204	0.4893	4.16%
	AT&T GSM	100	880	3	296	0.0362	0.5867	6.16%
	AT&T GSM	100	1900	1	427	0.0174	1.0000	1.74%
	EHFD Microwave	110	5000	1	2000	0.0665	1.0000	6.65%
							<b>Total</b>	<b>24.22%</b>

**Summary:** Under worst-case assumptions, the RF Power Density at the proposed site located at 465 Hills Street in East Hartford, CT will not exceed 24.22% of the FCC MPE limit for General Public/Uncontrolled Environments.

Sincerely,

Anthony Wells  
 Managing Partner

Tony Wells  
 C Squared Systems  
 920 Candia Road  
 Manchester, NH 03109  
 603-644-2800  
 Tony.Wells@csquaredsystems.com



May 29, 2013

Connecticut Siting Council

Subject: New Cingular Wireless, East Hartford, CT

Dear Connecticut Siting Council:

C Squared Systems has been retained by New Cingular Wireless to investigate the RF Power Density at the proposed site located at 56 Hills Street in East Hartford, 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 pointing directly at the ground. 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.

Assumed worst-case parameters were used to estimate the maximum % MPE for the East Hartford Fire Department microwave link (Max 2 watts radio output power and a 30 dB gain microwave dish antenna). According to the information provided to C Squared, the proposed EHFD whip antenna will be receive-only and therefore has no associated emissions.

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	EHFD Microwave	110	5000	1	2000	0.0665	1.0000	6.65%
							<b>Total</b>	<b>24.22%</b>

**Summary:** Under worst-case assumptions, the RF Power Density at the proposed site located at 56 Hills Street in East Hartford, CT will not exceed 24.22% of the FCC MPE limit for General Public/Uncontrolled Environments.

Sincerely,

Anthony Wells  
 Managing Partner

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF MESSAGE CENTER MANAGEMENT,  
436 INC. (MCM) AND NEW CINGULAR WIRELESS PCS, LLC  
(AT&T) FOR A CERTIFICATE OF ENVIRONMENTAL  
COMPATIBILITY AND PUBLIC NEED FOR THE  
CONSTRUCTION, MAINTENANCE AND OPERATION  
OF A TELECOMMUNICATIONS TOWER  
FACILITY AT 465 HILLS STREET OR 56 HILLS STREET  
IN THE TOWN OF EAST HARTFORD, CONNECTICUT

DOCKET NO.

**ORIGINAL**

May 30, 2013

**RECEIVED**  
MAY 31 2013

HEARING INFORMATION OF  
MESSAGE CENTER MANAGEMENT AND NEW CINGULAR WIRELESS  
CONNECTICUT SITING COUNCIL

Message Center Management, Inc. ("MCM") and New Cingular Wireless PCS, LLC ("AT&T") (together the "Applicants"), submit the following hearing information to the State of Connecticut Siting Council in the captioned proceeding:

**Counsel Appearing at the Hearing**

Counsel appearing at the hearing will be Christopher B. Fisher, Esq.

**List of Witnesses**

1. Michael Libertine, LEP, Director of Siting and Permitting, All-Points Technology Corporation, P.C.
2. Scott Chasse, P.E., All-Points Technology Corporation, P.C.
3. Dean Gustafson, Senior Wetlands Scientist, All Points Technology Corporation, P.C.
4. Christopher Gelinis, National Site Acquisition and Leasing Manager, Message Center Management, Inc.
5. Anthony Wells, Managing Partner, C Squared Systems

Resumes included as Attachment 1

**Documents to be Administratively Noticed**

None at this time.

### **Exhibits to be Offered**

The Applicants will offer as exhibits the following:

1. Application of MCM and AT&T dated February 14, 2013.
2. MCM and AT&T Bulk Filing dated February 14, 2013.
3. MCM and AT&T Responses to Siting Council Interrogatories Set I, dated April 24, 2013.
4. MCM and AT&T Responses to Siting Council Interrogatories Set II, dated May, 30, 2013
5. MCM and AT&T Supplemental Submission, dated May 30, 2013

### **Affidavit of Sign Posting**

A notice sign in keeping with Siting Council requirements was posted at each of the subject properties on May 22, 2013. An affidavit of posting with photos of the posted signs is included here as Attachment 2.

### **Public Presentation**

For the Siting Counsel's records, included here as Attachment 3, please find a hardcopy of the electronic presentation the Applicants will provide at the June 6, 2013 7:00pm public hearing on this Docket. All information included in the presentation is being made part of the record through the above noted exhibits to be offered.

The Applicants reserve the right to offer additional exhibits, testimony, witnesses and administratively noticed materials as may be necessary during the hearing process.

CERTIFICATE OF SERVICE

I hereby certify that on this day, an original and fifteen copies of the foregoing was sent electronically and by overnight delivery to the Connecticut Siting Council.

Dated: May 30, 2013

A handwritten signature in black ink, appearing to read 'D. Laub', written over a horizontal line.

Daniel M. Laub

**Attachment 1**



**Michael Libertine, LEP**  
**Director of Siting and Permitting**  
**All-Points Technology Corporation, P.C.**  
**3 Saddlebrook Drive, Killingworth, CT 06419**  
**860-663-1697 860-983-5153**

### **General Background**

Mr. Libertine has over 21 years of professional experience in the environmental consulting field. His experience includes regulatory compliance and permitting involving extensive interactions with the local, state and federal agencies, including the Connecticut Department of Energy and Environmental Protection, Connecticut Department of Transportation, and the Connecticut Siting Council, as well as the U.S. EPA and Federal Highway Administration; environmental assessments/impact statements for NEPA compliance; site assessments and field investigations for property transfers; remedial strategy development; environmental due diligence; Brownfields redevelopment projects; and remedial investigations at RCRA facilities as well as state and federally recognized hazardous waste site. Mike is a Licensed Environmental Professional in Connecticut and has been Project Manager on over 1700 environmental site assessments and field investigations for property transfers. Representative projects include:

### **Environmental Permitting Services for Wireless Telecommunications Clients, New England & NY**

Program Manager for environmental due diligence, siting and permitting services in support of various telecommunications clients throughout New England and New York. Mike has worked directly for licensed wireless service providers and tower management firms since 1997. Representative project-related services include due diligence and land use evaluations; preliminary site screenings; preparation of compliance documentation, environmental assessments and Memorandums of Agreement to fulfill NEPA requirements; Phase I ESAs and Phase II field investigations; remedial planning and oversight; wetland assessments; vegetative/biological surveys; noise analyses; visibility analyses; graphic support; preparation of regulatory permit applications, and construction support. Mr. Libertine has testified on behalf of telecommunications clients in front of local municipalities and the Connecticut Siting Council (CSC) on over 250 applications and petitions.

### **Environmental Siting and Permitting Services, Electrical Utilities**

Program Manager from 2004 through 2010 in support of various Connecticut projects, including assessment and permitting of bulk power substations, transmission lines/structures, and underground utility installations. Services include civil engineering feasibility studies, pre-acquisition due diligence evaluations, natural resources inventories of existing flora and fauna, habitat evaluations, wetland delineations, noise analysis, hazardous waste investigations, site survey, layout and design drawings, landscape architecture, preparation of technical documents, coordination with State and local agencies, regulatory permitting, public outreach, and expert witness testimony.

### **Environmental Assessment and Constructability Review, Central Connecticut**

Project Manager for natural resources inventory/assessment and construction evaluation along 35 miles of ROW corridor. Environmental tasks included Connecticut and federal wetland delineations, Army Corp of Engineers data plots, wetlands functions and values assessment, inventory of threatened and endangered species and critical habitats, biological surveys, and cover-type mapping. Once existing conditions were documented, a feasibility analysis was conducted to identify environmental and constructability conflicts associated with proposed new line installation and facility upgrades.

### **Certificates of Environmental Compatibility and Public Need, Electrical Substations, Connecticut**

Project Manager in support of Applications to the CSC for the permitting of five new bulk power substations in Killingly, Guilford, Windsor, Waterford and Westport, Connecticut. These projects required extensive coordination of numerous team members, including client's in-house discipline managers and engineers, consultants, legal counsel, staff, and subcontractors. Mike was responsible for overseeing pre-acquisition environmental due diligence services, site survey, site data collection and analysis, site/civil layout, and drafting of municipal documents and the Application to the CSC. Services included conducting natural resources inventories of existing flora and fauna,



habitat evaluations, wetland delineation, noise analyses, hazardous waste investigations, site layout and design drawings, landscape architecture, preparation of technical documents, coordination with State and local agencies, and permitting. Mike was also responsible for the preparation of Development and Management Plans to the CSC and providing environmental monitoring for adherence to the CTDEP's General Permit for Construction Activities and environmental requirements set forth in the Client's contract documents and specifications.

**Environmental Evaluations and Regulatory Permitting, Wind Farm, Colebrook, Connecticut**

Project Manager for environmental considerations associated with the development of Connecticut's first commercial wind farm in northwest Connecticut. Responsibilities included overseeing due diligence, natural resource studies and environmental permitting activities. The 3.2 MW project involved extensive evaluations of wetland and other natural resources, flora and fauna studies, sound studies, flicker analyses, visual evaluations and expert testimony at the local and state level, including multiple CSC hearings. Mike assisted this client in preparing the Development and Management Plan and pre-construction coordination efforts.

**Regulatory Permitting, Barbour Hill Substation Modifications, South Windsor, Connecticut**

Project Manager responsible for the preparation of a Petition to the CSC for a determination that no Certificate of Environmental Compatibility and Public Need was required for the proposed modifications to the Barbour Hill Substation in South Windsor, Connecticut. The project included the replacement and expansion of an existing facility and the modification of line interconnections. Responsibilities included conducting natural resource inventories, wetland delineation, noise study, soil and groundwater sampling, property survey, preparation of site/civil design drawings, supporting graphics, photo-simulations, and local and state permit documents. Mike also supported his Client during the contractor selection process and developed a site-wide soil and water management plan for implementation during construction activities.

**Environmental Impact Evaluation for Great Path Academy, Manchester, CT**

Project Manager of an Environmental Impact Evaluation for expansion of a middle-college magnet high school serving eight member communities and operating within existing infrastructure at Manchester Community College. The project included a new free-standing facility on the campus to house the school and expand parking to accommodate 500 additional vehicles, enabling enrollment to increase from 75 to 300 students. Services included preparation of the EIE in accordance with CEPA to evaluate the project's associated potential environmental, social and economic impacts. The comprehensive document, distributed for public review and comment, assessed multiple locations for parking and building facilities within the MCC campus for parameters including: hydrology, traffic, visual impact on the surrounding community, energy consumption, and impacts to wildlife and habitat, potential historic and archaeological resources, forested areas, and a State-designated Greenway bike path. The result of the process was securing a Finding of No Significant Impact.

**Employment History**

.....

Vanasse Hangen Brustlin, Inc., 54 Tuttle Place, Middletown, Connecticut  
Director, Environmental Services May 1997 to January 2012  
Atlantic Environmental Services, Inc./GEI Consultants, Colchester, Connecticut  
Project Manager/Team Leader, January 1991 to May 1997

**Education**

.....  
University of Connecticut, B.S. Natural Resources Management,  
December 1990  
Stonehill College, B.A. Marketing, May 1981  
.....

**Certifications/  
Licenses**

Licensed Environmental Professional, State of Connecticut,  
LEP No. 345  
OSHA Hazardous Waste Operations and Emergency Response  
(HAZWOPER) Training (29 CFR 1910.120)

**SCOTT M. CHASSE, P.E.**  
**3 SADDLEBROOK DRIVE KILLINGWORTH, CT 06419**  
**860-663-1697 860-663-0935**

**ALL-POINTS TECHNOLOGY CORPORATION, P.C. (APT)**

Dec. 2000 – Present

Mr. Chasse is a co-Founder of All-Points Technology Corporation (APT), a civil and structural engineering firm servicing the wireless industry. He is an officer and Secretary of the Corporation. He provides hands-on design and permitting services to multiple wireless telecommunication carriers in CT and NY. Services include: 1) conducting constructability assessments and design audits; 2) developing zoning and construction drawings for the installation of telecommunication facilities and new tower structures; and 3) providing construction inspection and administrative services in support of obtaining Certificates of Completion for his clients. Mr. Chasse has participated in the design and development of over eleven hundred wireless telecommunications projects during his tenure at APT.

**DIVERSIFIED TECHNOLOGY CORPORATION (DTC)**

Mar. 1998- Dec. 2000

Mr. Chasse served as Director of Environmental and Telecommunication Departments while employed at DTC. He managed up to fourteen technical staff in completing over two hundred wireless telecommunication projects, environmental assessments, and several large-scale remedial investigations and compliance audits.

**SPRINT PCS**

Oct. 1996- Mar. 1998

Mr. Chasse was employed as the Wireless Implementation Manager for the Connecticut and Western Massachusetts market during the carrier's initial coverage launch. He was responsible for the zoning, design, environmental compliance and construction of over 150 wireless telecommunication facilities during this time and managed over seventy contractors and staff.

**BERGER LEHMAN ASSOCIATES (BLA)**

Dec.1994 – Oct. 1996

Mr. Chasse was the Chief Environmental Inspector and Auditor for a \$100mm CTDOT bridge project in Hartford, CT. He was responsible for enforcing contract performance with all local, Federal and State environmental permits and regulations. Mr. Chasse collected samples and conducted *in-situ* analyses to verify contractor's compliance with approval remedial action plans. Mr. Chasse also served as the Health and Safety Coordinator for the project and the Connecticut office of BLA.

**EDUCATION:** University of Connecticut, B.S. Civil Engineering

**PROFESSIONAL ENGINEERING LICENSE(s):** Connecticut 1997 to present (#19728)  
New York 2001 to present (#6848361)

**AFFILIATIONS:** Member of Chi-Epsilon (1992- present)  
AISC & ASCE member  
Building Committee Member for \$48mm RD17 School  
Pack 18 Cub Scouts Committee Chairman  
Troop 18 Boy Scouts Committee Member

**Dean Gustafson**  
**Professional Soil Scientist**  
**Senior Wetland Scientist**  
**All-Points Technology Corporation, P.C.**  
**3 Saddlebrook Drive, Killingworth, CT 06419**  
**860-663-1697                      860-836-6576**

**General Background**

Mr. Gustafson has over 24 years of professional experience in the environmental consulting field. His experience includes NEPA/CEPA documentation, wetlands (delineation, evaluation, mitigation design, monitoring, stream restoration, and local, state and federal permitting), water-quality investigations, coastal-zone-management studies, natural-resource and ecological evaluations. Mr. Gustafson is experienced in vernal pool monitoring and assessment, including identification of a wide variety of native amphibians and reptiles that utilize vernal pool habitats. Mr. Gustafson also has extensive experience with the Connecticut Department of Energy and Environmental Protection Natural Diversity Data Base and has resolved numerous potential rare species conflicts with proposed developments. Mr. Gustafson has particular expertise in wetland identification, soil mapping, soil classification, vegetative and hydrology surveys, wetland impact assessment, wetland mitigation design and oversight. In addition, he has extensive experience in local, state, and federal wetland permitting including having worked on over 100 Connecticut Siting Council dockets along with providing expert testimony at Council hearings. Mr. Gustafson has consulted on numerous projects which involve soils related issues such as erosion and sediment control planning, vegetative soil stabilization and storm water management BMP evaluation and selection. He has served as the Environmental Compliance Monitor on several Connecticut Siting Council approved projects. Mr. Gustafson's water quality experience includes stormwater studies for compliance with National Pollution Discharge Elimination System (NPDES), Section 401 Water Quality Certification, and the 2004 Connecticut DEP Stormwater Quality Manual.

**Employment History**

Vanasse Hangen Brustlin, Inc., 54 Tuttle Place, Middletown, Connecticut

- Natural Resource Group Leader 1997 to 2012

Atlantic Environmental Services, Inc./GEI Consultants, Colchester, Connecticut

- Senior Project Scientist 1992 to 1997

Soil Science & Environmental Services, Cheshire, Connecticut

- Professional Soil Scientist 1988 to 1992

**Key Projects**

**On Call Environmental Services, Northeast Utilities Transmission Group**

Task Manager in support of various Connecticut projects, including assessment and permitting of bulk power substations, transmission lines/structures, underground utility installations, and environmental investigations of existing facilities. Services include pre-acquisition due diligence activities, conducting site development feasibility assessments, natural resources inventories of existing flora and fauna, vernal pool studies and assessment, habitat evaluations, wetland delineations, wetland assessment, wetland mitigation design, wetland mitigation construction monitoring, permit compliance monitoring, site layout and design evaluations, erosion and sediment control planning and construction monitoring, vegetative soil stabilization and storm water management BMP evaluation and selection, preparation of technical documents, coordination with State and local agencies, and permitting support.

**Environmental Compliance Monitor, Structure Replacement Project, Montague/Leverett, Massachusetts**

Environmental Compliance Monitor in accordance with Massachusetts Department of Environmental Protection 401 Water Quality Certificate permit conditions for 345 kV structure replacement project. Monitoring included installation of wooden timber swamp mats across a 65-acre beaver impoundment for the removal of eight existing wooden structures and replacement with four steel structures. Environmentally sensitive compliance monitoring across this approximate 3,500 linear foot span included monitoring of drilling activities for deep caisson foundations within wetlands including in the middle of the beaver impoundment.

### **Regulatory Permitting, Barbour Hill Substation Modifications, South Windsor, Connecticut**

Project Manager responsible for the preparation of a Petition to the Connecticut Siting Council for a determination that no Certificate of Environmental Compatibility and Public Need was required for the proposed modifications to the Barbour Hill Substation in South Windsor, Connecticut. The project included the replacement and expansion of an existing facility and the modification of line interconnections. Responsibilities included conducting natural resource inventories, wetland delineation, noise study, soil and groundwater sampling, property survey, preparation of site/civil design drawings, supporting graphics, photo-simulations, and local and state permit documents. Mr. Libertine also supported CL&P during its contractor selection process and developed a site-wide soil and water management plan for implementation during construction activities.

### **Certificate of Environmental Compatibility and Public Need, Rood Avenue, Windsor, CT**

Task Manager responsible for the preparation of environmental sections of a Certificate of Environmental Compatibility and Public Need to the Connecticut Siting Council for the construction of a new substation. The project included the construction of a substation in wooded uplands with direct wetland impacts. Responsibilities included conducting natural resource inventories, wetland delineation, and local and state permit documents and coordination with the U.S. Army Corps of Engineers New England Division. The project also included the successful transplanting of pink lady-slippers (*Cypripedium acaule*).

### **Regulatory Permitting, Barbour Hill Substation Modifications, South Windsor, CT**

Task Manager responsible for the preparation of a Petition to the Connecticut Siting Council for a determination that no Certificate of Environmental Compatibility and Public Need was required for the proposed modifications to the Barbour Hill Substation. The project included the replacement and expansion of an existing facility and the modification of line interconnections. Responsibilities included conducting natural resource inventories, wetland delineation, and local and state permit documents.

### **Environmental Assessment and Constructability Review, Central Connecticut Reliability Project**

Project Scientist for natural resources inventory/assessment and construction evaluation along 35 miles of ROW corridor. Environmental tasks included Connecticut and federal wetland delineations, Army Corp of Engineers data plots, wetlands functions and values assessment, inventory of threatened and endangered species and critical habitats, biological surveys, and cover-type mapping. Once existing conditions were documented, a feasibility analysis was conducted to identify environmental and constructability conflicts associated with proposed new line installation and facility upgrades.

### **Certificates of Environmental Compatibility and Public Need, Various Sites, Connecticut**

Has served as Task Manager in support of numerous Applications to the Connecticut Siting Council (CSC) for the permitting of new electrical substations throughout Connecticut. These projects require extensive site data collection and analysis including natural resources inventories of existing flora and fauna, habitat evaluations, wetland delineation and function/value analysis, site layout analysis and wetland impact evaluation, wetland mitigation, preparation of technical documents, coordination with State and local agencies, and permitting. Environmental monitoring services for adherence to the CTDEP's General Permit for Construction Activities were also provided.

### **Environmental Permitting Services for Wireless Telecommunications Clients, New England & NY**

Task Manager for environmental due diligence and permitting services in support of various telecommunications clients throughout New England and New York. Mr. Gustafson has worked directly with the major licensed PCS carriers since 1997. Projects include due diligence and land use evaluations; preliminary site screenings; preparation of compliance documentation, environmental assessments and Memorandums of Agreement to fulfill NEPA requirements; wetland delineation, assessments, and mitigation; local, state and federal wetland permitting; vegetative/biological surveys; rare species investigations; floodplain compliance; preparation of regulatory applications (including SEQRA submissions); permit compliance monitoring; and permitting support. Mr. Gustafson has testified on behalf of telecommunications clients in front of local municipalities and the Connecticut Siting Council on over 100 applications and petitions.

### **Telecommunications Carrier Wetland Compliance Program**

Project Manager for major telecommunications carrier's wetland compliance program. Responsible for wetland delineation, assessment, mitigation and alternatives analysis, habitat evaluations, vernal pool identification and assessment, design review for permit feasibility, and successful permitting of over 50 wireless telecommunications facilities with local wetland/conservation commissions in the Connecticut, Massachusetts, and Rhode Island market

areas. Responsible for erosion and sediment control planning and construction monitoring for projects in Connecticut and Massachusetts that represent a potential to impact sensitive wetland resources during construction.

**National Retailer, Rocky Hill, CT**

Responsible for wetland permitting of a multi-tenant retail development resulting in significant unavoidable wetland impacts and the creation of a wetland mitigation area exceeding 1 acre in size. Wetland permits were secured from the Rocky Hill Wetland Agency, CTDEP and U.S. Army Corps of Engineers for wetland impacts and wetland mitigation area.

**Luxury Residential Development, Hartford, CT**

Project manager for an award-winning luxury residential community developer. Provided project management and technical direction for wetland compliance of projects undertaken in Connecticut including wetland determination, evaluation, mitigation design and local, state and Army Corps of Engineers permitting. Assisted with planning restoration of a failed slope that occurred during construction, secured approval from the local wetland commission and monitored erosion and sediment controls to ensure that nearby wetlands and perennial stream were not adversely impacted.

**Retail Wetland Program, Various Projects, CT**

Project manager for the Connecticut office for large retail Client Fee-for-Service and Turnkey Developer Programs. Provide project management and technical direction for wetland compliance of projects undertaken in Connecticut including wetland determination, evaluation, mitigation design and local, state and Army Corps of Engineers permitting.

**Connecticut DOT West Haven/Orange Railroad Station, Environmental Assessment**

Task manager for assessing natural resources, including wetlands, floodplain, aquatic habitats, and wildlife, associated with a proposed railroad station at one of two possible sites. Prepared technical documents in support of Draft Federal Environmental Assessment/Draft State Environmental Impact Evaluation.

**Wetlands Survey and Permitting, ConnDOT Maintenance Facility.**

Performed both a state and federal wetland survey and delineation in conjunction with the submission and successful obtainment of a CTDEP Inland Wetlands and Watercourses permit and 401 Water Quality Certifications to conduct remedial activities within and adjacent to existing floodplain wetlands.

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Education	B.S. University of Massachusetts, Plant and Soil Sciences, 1988  Graduate coursework, University of New Hampshire
Affiliations	Member, Lebanon Inland Wetlands and Watercourses Commission, since 1995.  Member, Connecticut Audubon Society
Registration	Professional Soil Scientist, Society of Soil Scientists of Southern New England, since 1988.  Connecticut Association of Wetland Scientists.  Association of Massachusetts Wetland Scientists.
Certifications	OSHA Hazardous Water Operations and Emergency Response (HAZWOPER) Training (29 CFR 1910.120)

## Christopher Gelinas

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Christopher Gelinas is the National Site Acquisition and Leasing Manager for Message Center Management, Inc. Mr. Gelinas has over 12 years of experience in the telecommunications industry managing infrastructure build-outs for wireless carriers in markets throughout the Northeast. In addition to leadership roles in infrastructure build-out he has served as a consultant to wireless carriers in the Property Management arena focusing on portfolio retention, expense analysis, cost reduction and pre-litigation resolution. His telecommunications career is supported by over 10 years of commercial real estate and national franchise negotiations and development.

Mr. Gelinas is a graduate of Bryant University with a Bachelor of Science degree in Business Administration and has been listed as a Member in the National Register's Who's Who in Executives and Professionals during the course of his career.



Resume of: **Anthony Wells**

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**EDUCATION:** Northeastern University  
Master of Science in Electrical Engineering - Communications and Signal Processing  
Concentration- June 1997  
University of Massachusetts, Lowell  
Bachelor of Science in Electrical Engineering - December 1989

**EXPERIENCE:**

- Managing Partner C Squared Systems** **8/00 - Present**
- Provide RF and software design services to the wireless industry, including preparation of RF coverage analyses to determine radio frequency signal propagation parameters for siting wireless telecommunications facilities.
  - Development of custom data collection and propagation software for in-building and macro networks,
  - Manage design of a digital 1900 MHz (PCS) network consisting of over 130 cell site locations in New Hampshire and Maine.
  - Design and Implementation of in-building repeater systems for multiple carriers.
  - Prepare documentation for and testify before Connecticut Siting Council in support of the location of new wireless communications facilities.
  - Provide measurement and calculation reports to comply with conditions of approval for municipalities in Connecticut, relating to Federal Communications Commission guidelines for electromagnetic field exposure.
  - Develop radio and microwave frequency electromagnetic field calculation software for use in Federal Communications Commission compliance analysis.
  - Design and implement custom software applications and database solutions with mapping capability for wireless providers.
  - Provide propagation analysis and optimization of propagation models for use in analysis of propagation characteristics for low antenna heights.

**Radar Systems Engineer****Raytheon - 3/98-8/00**

- Developed radar systems and simulation using software languages such as C++, Matlab and FORTRAN.
- Processed radar data for use in analysis of tracking algorithms. Implemented C++ wrapper for Matlab mex-files to reduce processing time by over 70%.
- Analyzed results of tracking algorithms. Evaluated statistical cost factors and analyzed radar resource loading in relation to statistical confidence levels for tracking algorithms.
- Calibrated and modified radar simulation software to accurately represent radar hardware performance.

**Radio Frequency Manager****Sprint PCS - 10/95 - 3/98**

- Technical Manager responsible for implementation of code division multiple access technology for the New Hampshire and Maine systems.
- Designed and managed a digital 1900 MHz (PCS) network consisting of 70 cell site locations in New Hampshire and Maine.
- Oversaw testing and verification of the network to insure that propagation modeling was accurate and design performed as anticipated.
- Evaluated network performance for vendor compliance with contractual obligations.
- Insured compliance with Federal Communications Commission guidelines for electromagnetic field exposure for the digital network.
- Evaluated and tested accuracy of vendor propagation models and their applicability for use in system design.

**Radio Frequency Manager****NYNEX Mobile/Verizon Wireless - 5/90 - 10/95**

- Responsible for the design and performance of an analog 800 MHz communication system consisting of over 200 cell sites in New England.
- Responsible for testing and verification of over 100 cell sites to insure accuracy of propagation models and cell site placement.
- Monitored and improved system performance for the Boston and Rhode Island systems using signal measurement equipment and propagation analysis.
- Evaluated and planned deployment of 800 MHz digital cellular system.
- Evaluated feasibility and integrated high and low power repeaters into the network where applicable.
- Designed microprocessor based automated remote call processing test equipment.
- Implemented repeaters as part of in-building network.
- Managed and optimized frequency plan as part of network optimization.



Attachment 2

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF MESSAGE CENTER  
MANAGEMENT, INC. (MCM) AND NEW  
CINGULAR WIRELESS PCS, LLC (AT&T)  
FOR A CERTIFICATE OF ENVIRONMENTAL  
COMPATIBILITY AND PUBLIC NEED FOR  
THE CONSTRUCTION, MAINTENANCE AND  
OPERATION OF A TELECOMMUNICATIONS  
TOWER FACILITY IN EAST HARTFORD,  
CONNECTICUT

DOCKET NO. 436

May 22, 2013

AFFIDAVIT OF VIRGINIA KING

Virginia King of Message Center Management, Inc., being duly sworn, deposes and states that:

1. I am over the eighteen years of age and understand the obligation of making a statement under oath.
2. On May 22, 2013, I supervised and witnessed the posting of notice signs on the properties located at 465 Hills Street and 56 Hills Street, East Hartford, Connecticut, noticing the Connecticut Siting Council application filing and the details of the hearing for Docket 436 scheduled on June 6, 2013.
3. The attached photographs were taken of the posted notice signs evidencing the installation of same at each location.

Virginia King  
Virginia King

Subscribed and sworn to before me  
this 22nd day of May, 2013

Clare J. Wight  
Notary Public Clare J. Wight  
My commission expires: August 31, 2013

Photos of Sign Posting at 465 Hills Street (Candidate A)

# PUBLIC HEARING

Message Center Management, Inc. (MCM) and New Cingular Wireless PCS, LLC (AT&T) filed an application with the Connecticut Siting Council (Council) for construction of a telecommunications facility on this site. The maximum height of said facility shall not exceed **117 feet** or as otherwise determined by the Council. The Council will hold a public hearing on Thursday, June 6, 2013 at the East Hartford Town Hall, 740 Main Street, East Hartford, Connecticut beginning at 3:00 pm and continued at 7:00 pm. A copy of the application can be reviewed at the Town Hall or at the Council offices in New Britain, Connecticut. For more information, please contact the Council by telephone at 860-827-2935, electronically at [www.ct.gov/csc](http://www.ct.gov/csc), or by mailing at 10 Franklin Square, New Britain, Connecticut 06051.

## **PUBLIC HEARING**

Message Center Management, Inc. (MCM) and New Cingular Wireless PCS, LLC (AT&T) filed an application with the Connecticut Siting Council (Council) for construction of a telecommunications facility on this site. The maximum height of said facility shall not exceed **117 feet** or as otherwise determined by the Council. The Council will hold a public hearing on Thursday, June 6, 2013 at the East Hartford Town Hall, 740 Main Street, East Hartford, Connecticut beginning at 3:00 pm and continued at 7:00 pm. A copy of the application can be reviewed at the Town Hall or at the Council offices in New Britain, Connecticut. For more information, please contact the Council by telephone at 860-827-2935, electronically at [www.ct.gov/csc](http://www.ct.gov/csc), or by mailing at 10 Franklin Square, New Britain, Connecticut 06051.

Photos of Sign Posting at 56 Hills Street (Candidate B)

# PUBLIC HEARING

Message Center Management, Inc. (MCM) and New Cingular Wireless PCS, LLC (AT&T) filed an application with the Connecticut Siting Council (Council) for construction of a telecommunications facility on this site. The maximum height of said facility shall not exceed **117 feet** or as otherwise determined by the Council. The Council will hold a public hearing on Thursday, June 6, 2013 at the East Hartford Town Hall, 740 Main Street, East Hartford, Connecticut beginning at 3:00 pm and continued at 7:00 pm. A copy of the application can be reviewed at the Town Hall or at the Council offices in New Britain, Connecticut. For more information, please contact the Council by telephone at 860-827-2935, electronically at [www.ct.gov/csc](http://www.ct.gov/csc), or by mailing at 10 Franklin Square, New Britain, Connecticut 06051.

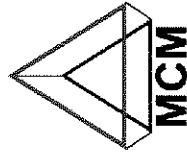
# PUBLIC HEARING

Message Center Management, Inc. (MCM) and New Cingular Wireless PCS, LLC (AT&T) filed an application with the Connecticut Siting Council (Council) for construction of a telecommunications facility on this site. The maximum height of said facility shall not exceed **117 feet** or as otherwise determined by the Council. The Council will hold a public hearing on Thursday, June 6, 2013 at the East Hartford Town Hall, 740 Main Street, East Hartford, Connecticut beginning at 3:00 pm and continued at 7:00 pm. A copy of the application can be reviewed at the Town Hall or at the Council offices in New Britain, Connecticut. For more information, please contact the Council by telephone at 860-827-2935, electronically at [www.ct.gov/csc](http://www.ct.gov/csc), or by mailing at 10 Franklin Square, New Britain, Connecticut 06051.

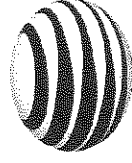


Attachment 3

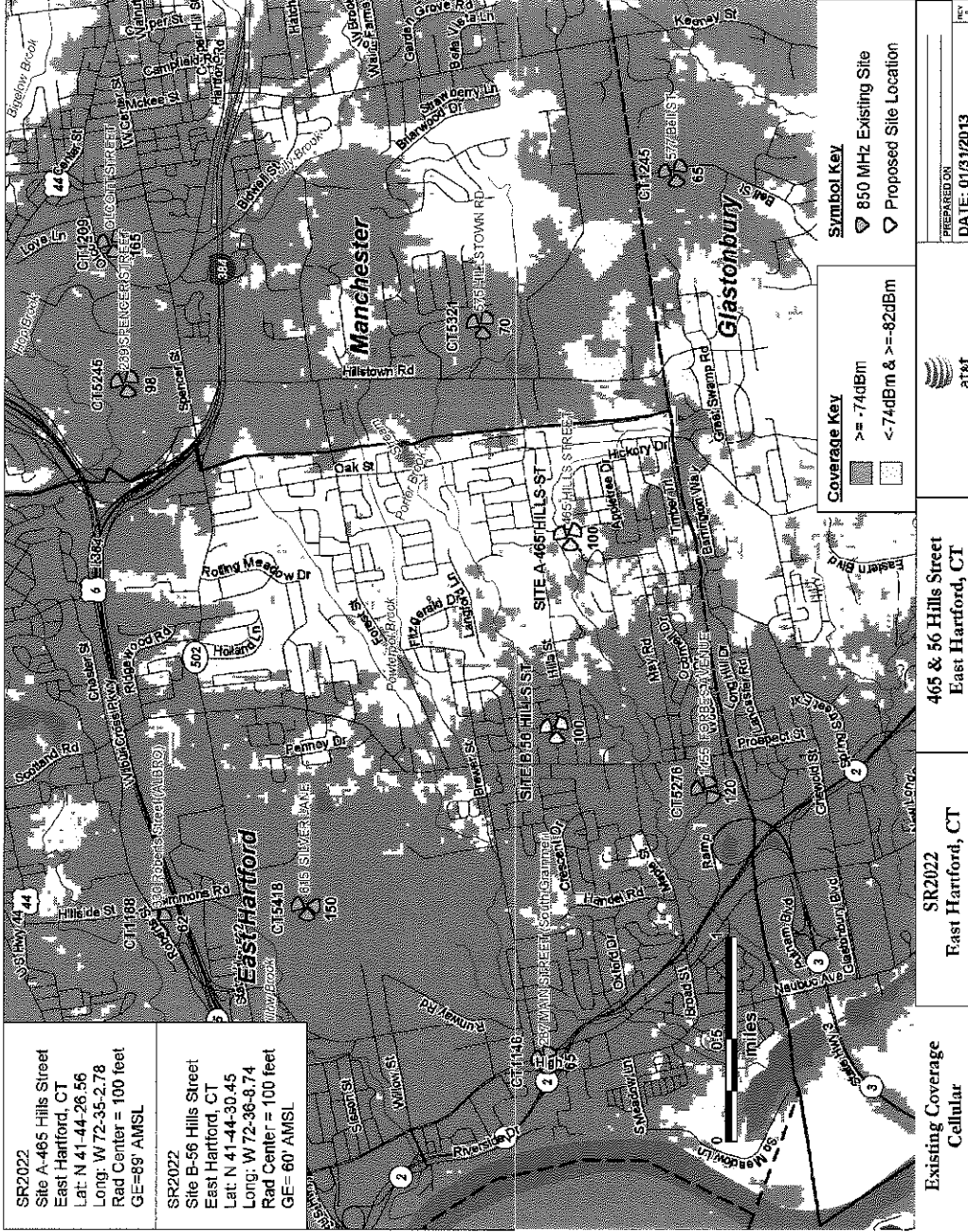
**Docket 436**  
**Public Hearing Presentation**  
**June 6, 2013 – 7:00pm**



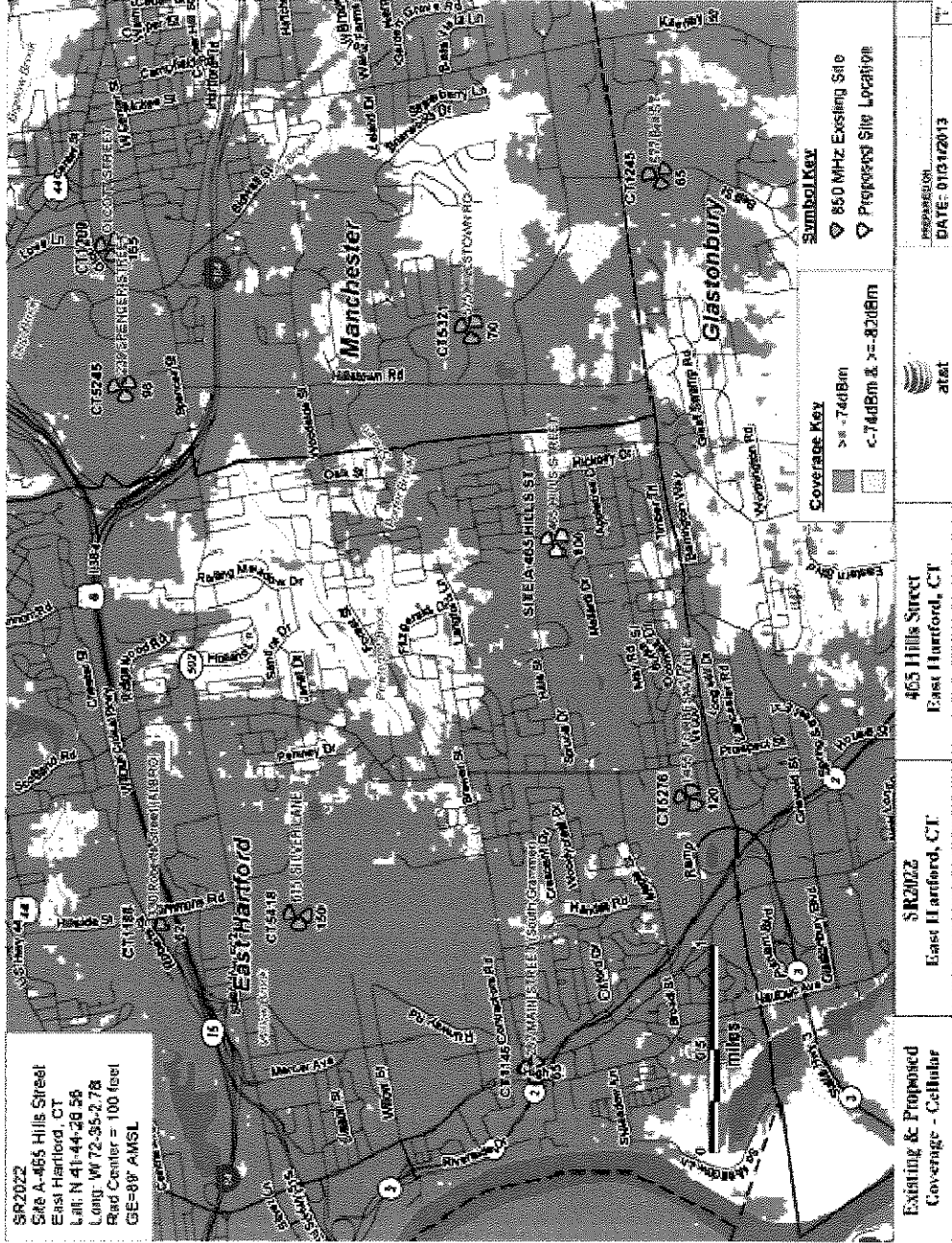
**Message Center Management**  
*Keep Your Sites On Us<sup>®</sup>*



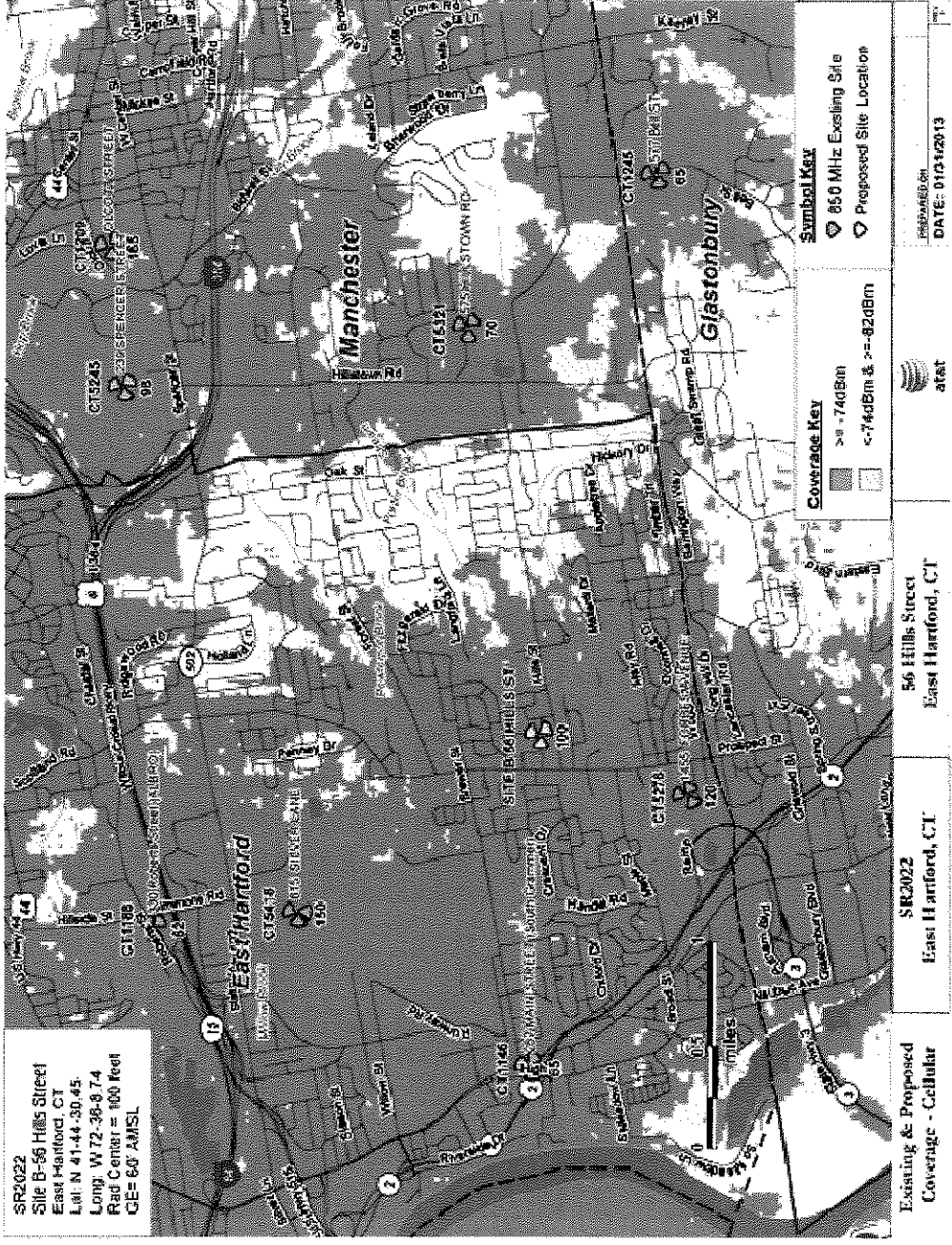
**at&t**



"Existing Coverage" for Current AT&T Network

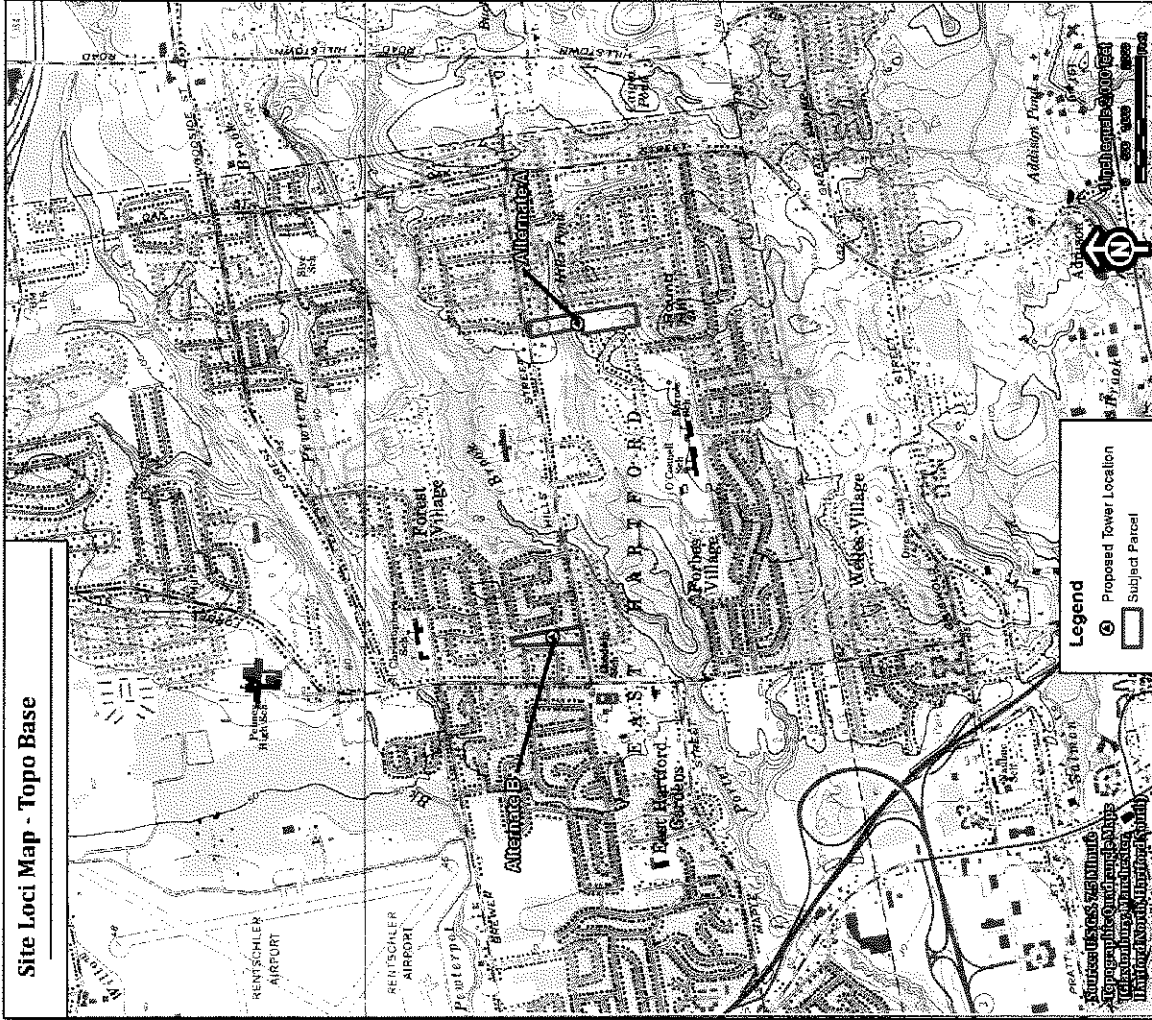


“Existing & Proposed Coverage “ of the AT&T Network with Site A – 465 Hills Street



“Existing & Proposed Coverage” for the AT&T Network with Site B – 56 Hills Street

**Site Loci Map - Topo Base**



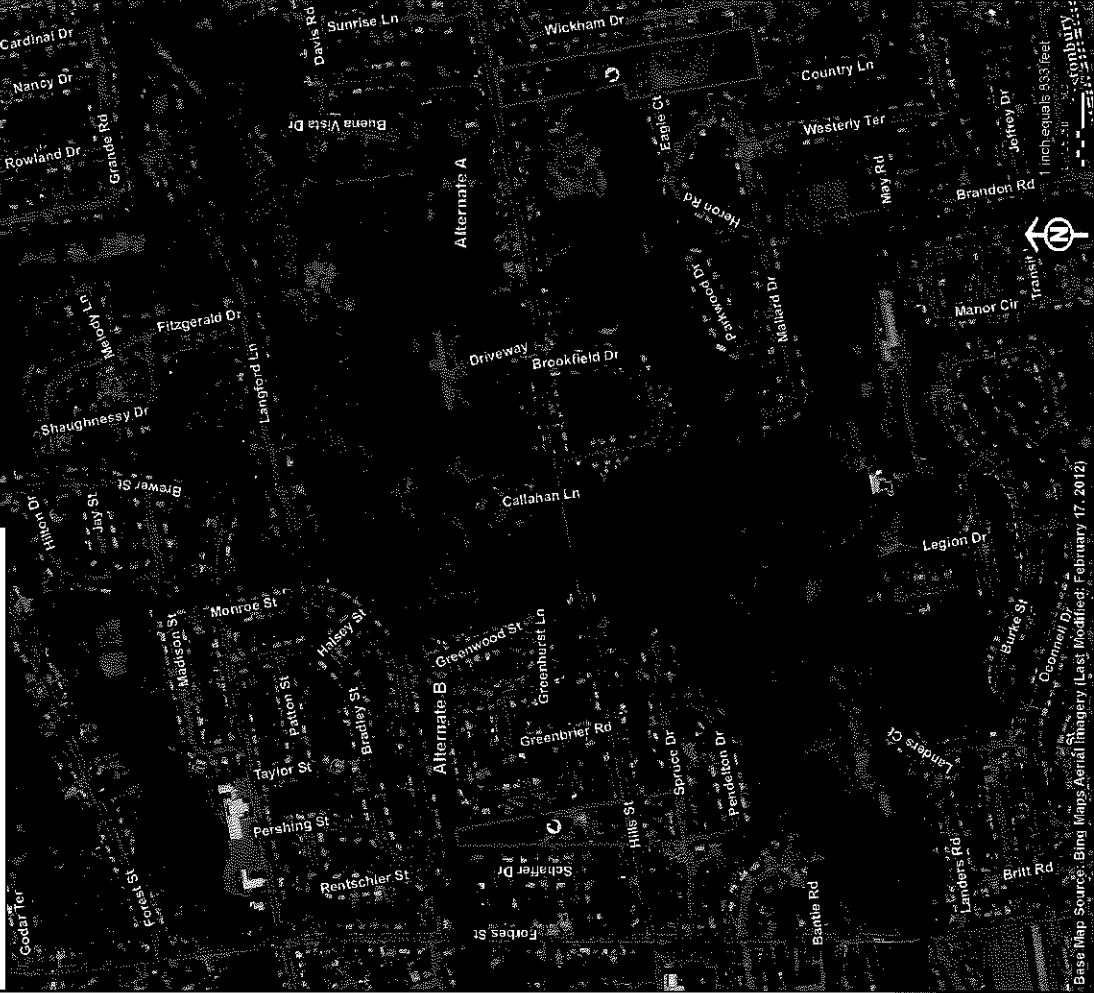
**Proposed MCM Telecommunications Facility  
465 (Alternate A) & 56 (Alternate B) Hills Street  
East Hartford, Connecticut**

**Monday, January 28, 2013**



Path: C:\Users\paulc\Documents\EastHartford\AllPoints\Map\Figure1.mxd

**Site Locl Map - Aerial Base**

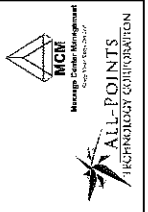


Base Map Source: Bing Maps Aerial Imagery (Last Modified: February 17, 2012)

**Legend**  
 Proposed Tower Location  
 Subject Parcel

**Proposed MCM Telecommunications Facility  
 465 (Alternate A) & 56 (Alternate B) Hills Street  
 East Hartford, Connecticut**

**Monday, January 28, 2013**







**SURVEY NOTES**

1. THIS PLAN WAS PREPARED BY THE ENGINEER BASED ON THE SURVEY INFORMATION PROVIDED BY THE CLIENT AND THE INFORMATION PROVIDED BY THE CLIENT AND THE INFORMATION PROVIDED BY THE CLIENT.
2. THE ENGINEER HAS CONDUCTED A VISUAL INSPECTION OF THE SITE AND HAS FOUND THAT THE INFORMATION PROVIDED BY THE CLIENT IS ACCURATE AND COMPLETE.
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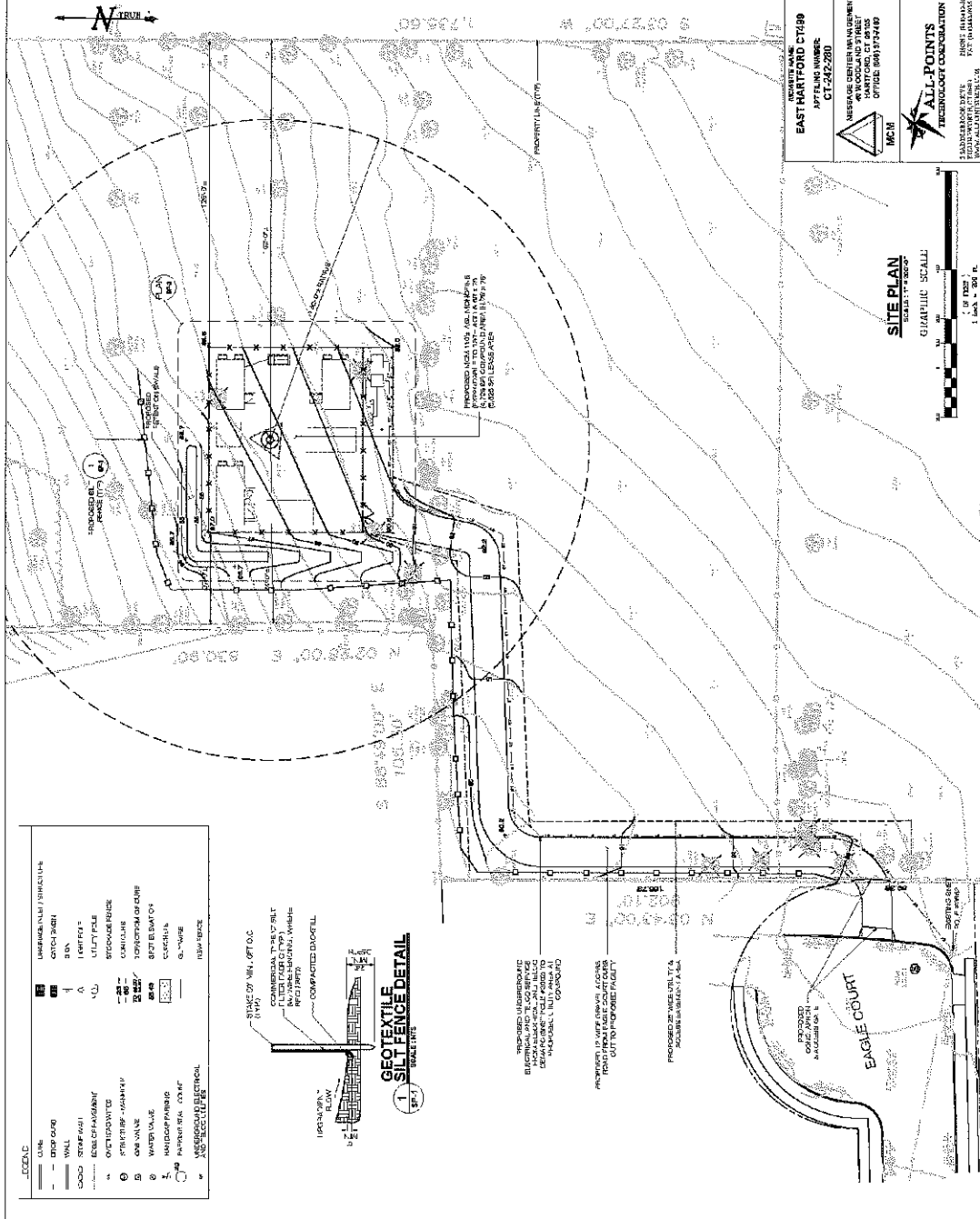
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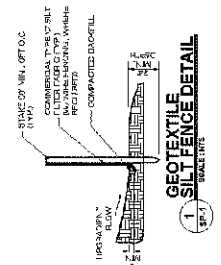
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NOTE: ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE ROAD OR TO THE CENTERLINE OF THE CURB UNLESS OTHERWISE SPECIFIED.



**LEGEND**

—	EXISTING CURB	—	EXISTING WALL
—	PROPOSED CURB	—	PROPOSED WALL
—	EXISTING DRIVEWAY	—	EXISTING SIDEWALK
—	PROPOSED DRIVEWAY	—	PROPOSED SIDEWALK
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—	PROPOSED DRIVEWAY	—	PROPOSED SIDEWALK



**PARTIAL EAST HARTFORD CT 06100 SITE & GRADING PLAN**

**EAST HARTFORD CT 06100**  
**455 HILLS STREET**  
**EAST HARTFORD, CT 06100**

**RAW LAND**

**SCALE: AS NOTED**

**DATE: 08/11/2010**

**PROJECT NUMBER: 06100-001**

**DRAWN BY: JMS**

**CHECKED BY: JMS**

**PROJECT NUMBER: 06100-001**

**DATE: 08/11/2010**

**PROJECT NUMBER: 06100-001**

**DATE: 08/11/2010**

**SITE PLAN**  
**SCALE: 1" = 20'**

**GRAPHIC SCALE**

**1" = 20'**

**1" = 20'**

**1" = 20'**

**ALL-POINTS TECHNOLOGY CORPORATION**

**150 STATE STREET, SUITE 200**  
**HARTFORD, CT 06100**  
**PHONE: 860.234.1111**  
**FAX: 860.234.1112**

**PROJECT NUMBER: 06100-001**

**DATE: 08/11/2010**

**PROPOSED BUILDING FOOTPRINT**

**PROPOSED DRIVEWAY**

**PROPOSED SIDEWALK**

**PROPOSED CURB**

**PROPOSED WALL**

**PROPOSED DRIVEWAY**

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**PROPOSED CURB**

**PROPOSED WALL**

**sign&see**

**SP-1**

**PROJECT NUMBER: 06100-001**

**DATE: 08/11/2010**

**PROPOSED DRIVEWAY**

**PROPOSED SIDEWALK**

**PROPOSED CURB**

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**PROPOSED SIDEWALK**

**PROPOSED CURB**

**PROPOSED WALL**

**PROPOSED DRIVEWAY**

**PROPOSED SIDEWALK**

**PROPOSED CURB**

**PROPOSED WALL**



# ABUTTERS LIST

MAP LOT	OWNER	LOCATION	PLANNING NUMBER
42-329	PAUL R. BISHOP, BRIDGEVILLE TRUST	221 MONROE ST EAST HARTFORD, CT 06118	42-329
42-330	MELVIN B. CHRISTENSEN	222 MONROE ST EAST HARTFORD, CT 06118	42-330
42-331	RENEE M. & LEE E. KAMMER	223 MONROE ST EAST HARTFORD, CT 06118	42-331
42-332	L. J. & S. C. CASARDO	224 MONROE ST EAST HARTFORD, CT 06118	42-332
42-333	LAWRENCE J. & JUDITH J. JACOBSON	225 MONROE ST EAST HARTFORD, CT 06118	42-333
42-334	CONDO PROCEEDING	226 MONROE ST EAST HARTFORD, CT 06118	42-334
42-335	PETER W. DODGE	227 MONROE ST EAST HARTFORD, CT 06118	42-335
42-336	PHILIP M. & JANE M. WILSON	228 MONROE ST EAST HARTFORD, CT 06118	42-336
42-337	BECKON FELD, LLC	229 MONROE ST EAST HARTFORD, CT 06118	42-337
42-338	PARTRIDGE, INC.	230 MONROE ST EAST HARTFORD, CT 06118	42-338
42-339	CONDOMINIUM TRUST	231 MONROE ST EAST HARTFORD, CT 06118	42-339
42-340	CONDOMINIUM TRUST	232 MONROE ST EAST HARTFORD, CT 06118	42-340
42-341	CONDOMINIUM TRUST	233 MONROE ST EAST HARTFORD, CT 06118	42-341
42-342	CONDOMINIUM TRUST	234 MONROE ST EAST HARTFORD, CT 06118	42-342
42-343	CONDOMINIUM TRUST	235 MONROE ST EAST HARTFORD, CT 06118	42-343
42-344	CONDOMINIUM TRUST	236 MONROE ST EAST HARTFORD, CT 06118	42-344
42-345	CONDOMINIUM TRUST	237 MONROE ST EAST HARTFORD, CT 06118	42-345
42-346	CONDOMINIUM TRUST	238 MONROE ST EAST HARTFORD, CT 06118	42-346
42-347	CONDOMINIUM TRUST	239 MONROE ST EAST HARTFORD, CT 06118	42-347
42-348	CONDOMINIUM TRUST	240 MONROE ST EAST HARTFORD, CT 06118	42-348
42-349	CONDOMINIUM TRUST	241 MONROE ST EAST HARTFORD, CT 06118	42-349
42-350	CONDOMINIUM TRUST	242 MONROE ST EAST HARTFORD, CT 06118	42-350
42-351	CONDOMINIUM TRUST	243 MONROE ST EAST HARTFORD, CT 06118	42-351
42-352	CONDOMINIUM TRUST	244 MONROE ST EAST HARTFORD, CT 06118	42-352
42-353	CONDOMINIUM TRUST	245 MONROE ST EAST HARTFORD, CT 06118	42-353
42-354	CONDOMINIUM TRUST	246 MONROE ST EAST HARTFORD, CT 06118	42-354
42-355	CONDOMINIUM TRUST	247 MONROE ST EAST HARTFORD, CT 06118	42-355
42-356	CONDOMINIUM TRUST	248 MONROE ST EAST HARTFORD, CT 06118	42-356
42-357	CONDOMINIUM TRUST	249 MONROE ST EAST HARTFORD, CT 06118	42-357
42-358	CONDOMINIUM TRUST	250 MONROE ST EAST HARTFORD, CT 06118	42-358
42-359	CONDOMINIUM TRUST	251 MONROE ST EAST HARTFORD, CT 06118	42-359
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42-361	CONDOMINIUM TRUST	253 MONROE ST EAST HARTFORD, CT 06118	42-361
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42-364	CONDOMINIUM TRUST	256 MONROE ST EAST HARTFORD, CT 06118	42-364
42-365	CONDOMINIUM TRUST	257 MONROE ST EAST HARTFORD, CT 06118	42-365
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42-368	CONDOMINIUM TRUST	260 MONROE ST EAST HARTFORD, CT 06118	42-368
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42-371	CONDOMINIUM TRUST	263 MONROE ST EAST HARTFORD, CT 06118	42-371
42-372	CONDOMINIUM TRUST	264 MONROE ST EAST HARTFORD, CT 06118	42-372
42-373	CONDOMINIUM TRUST	265 MONROE ST EAST HARTFORD, CT 06118	42-373
42-374	CONDOMINIUM TRUST	266 MONROE ST EAST HARTFORD, CT 06118	42-374
42-375	CONDOMINIUM TRUST	267 MONROE ST EAST HARTFORD, CT 06118	42-375
42-376	CONDOMINIUM TRUST	268 MONROE ST EAST HARTFORD, CT 06118	42-376
42-377	CONDOMINIUM TRUST	269 MONROE ST EAST HARTFORD, CT 06118	42-377
42-378	CONDOMINIUM TRUST	270 MONROE ST EAST HARTFORD, CT 06118	42-378
42-379	CONDOMINIUM TRUST	271 MONROE ST EAST HARTFORD, CT 06118	42-379
42-380	CONDOMINIUM TRUST	272 MONROE ST EAST HARTFORD, CT 06118	42-380
42-381	CONDOMINIUM TRUST	273 MONROE ST EAST HARTFORD, CT 06118	42-381
42-382	CONDOMINIUM TRUST	274 MONROE ST EAST HARTFORD, CT 06118	42-382
42-383	CONDOMINIUM TRUST	275 MONROE ST EAST HARTFORD, CT 06118	42-383
42-384	CONDOMINIUM TRUST	276 MONROE ST EAST HARTFORD, CT 06118	42-384
42-385	CONDOMINIUM TRUST	277 MONROE ST EAST HARTFORD, CT 06118	42-385
42-386	CONDOMINIUM TRUST	278 MONROE ST EAST HARTFORD, CT 06118	42-386
42-387	CONDOMINIUM TRUST	279 MONROE ST EAST HARTFORD, CT 06118	42-387
42-388	CONDOMINIUM TRUST	280 MONROE ST EAST HARTFORD, CT 06118	42-388
42-389	CONDOMINIUM TRUST	281 MONROE ST EAST HARTFORD, CT 06118	42-389
42-390	CONDOMINIUM TRUST	282 MONROE ST EAST HARTFORD, CT 06118	42-390
42-391	CONDOMINIUM TRUST	283 MONROE ST EAST HARTFORD, CT 06118	42-391
42-392	CONDOMINIUM TRUST	284 MONROE ST EAST HARTFORD, CT 06118	42-392
42-393	CONDOMINIUM TRUST	285 MONROE ST EAST HARTFORD, CT 06118	42-393
42-394	CONDOMINIUM TRUST	286 MONROE ST EAST HARTFORD, CT 06118	42-394
42-395	CONDOMINIUM TRUST	287 MONROE ST EAST HARTFORD, CT 06118	42-395
42-396	CONDOMINIUM TRUST	288 MONROE ST EAST HARTFORD, CT 06118	42-396
42-397	CONDOMINIUM TRUST	289 MONROE ST EAST HARTFORD, CT 06118	42-397
42-398	CONDOMINIUM TRUST	290 MONROE ST EAST HARTFORD, CT 06118	42-398
42-399	CONDOMINIUM TRUST	291 MONROE ST EAST HARTFORD, CT 06118	42-399
42-400	CONDOMINIUM TRUST	292 MONROE ST EAST HARTFORD, CT 06118	42-400
42-401	CONDOMINIUM TRUST	293 MONROE ST EAST HARTFORD, CT 06118	42-401
42-402	CONDOMINIUM TRUST	294 MONROE ST EAST HARTFORD, CT 06118	42-402

MAP NUMBER: 42-365  
 MESSAGE CENTER NUMBER: 860-871-4185  
 MESSAGE CENTER ADDRESS: 100 HILLS STREET EAST HARTFORD, CT 06118  
 MESSAGE CENTER WEBSITE: WWW.ABUTTERS.COM



**ABUTTERS MAP**

PROJECT NAME: EAST HARTFORD CT-500  
 MAP NUMBER: 42-365B01

MESSAGE CENTER MANAGEMENT  
 MESSAGE CENTER NUMBER: 860-871-4185  
 MESSAGE CENTER ADDRESS: 100 HILLS STREET EAST HARTFORD, CT 06118  
 MESSAGE CENTER WEBSITE: WWW.ABUTTERS.COM

**ABUTTERS MAP**

SCALE: 1" = 100' 0"

PERMITTING DOCUMENTS

EAST HILLS STREET  
 EAST HARTFORD, CT 06118

RAW LAND

REVISIONS:

REVISION NUMBER: 01  
 DATE: 10/27/18

SCALE: AS NOTED

DATE: 10/27/18

PROJECT NUMBER: A-1

**A-1**





# RF Power Density Analysis

## 117' Monopine Tower

Location	Carrier	Antenna Centerline Height Above Ground Level (Ft.)	Operating Frequency (MHz)	Number of Trans.	Effective Radiated Power (ERP) Per Transmitter (Watts)	Power Density (mw/cm <sup>2</sup> )	Limit	% FCC MPE Limit General Public/ Uncontrolled
<b>Ground Level</b>	AT&T UMTS	100	880	1	500	0.0204	0.5867	3.47%
	AT&T UMTS	100	1900	1	500	0.0204	1.0000	2.04%
	AT&T LTE	100	734	1	500	0.0204	0.4893	4.16%
	AT&T GSM	100	880	3	296	0.0362	0.5867	6.16%
	AT&T GSM	100	1900	1	427	0.0174	1.0000	1.74%
	EHFD Microwave	110	5000	1	2000	0.0665	1.0000	6.65%
<b>Total</b>							<b>24.22%</b>	



**SIMULATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
1	ADJACENT TO 414 HILLS STREET	SOUTHEAST	+/- 0.18 MILE	YEAR ROUND

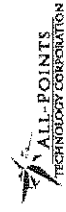


**View of Site A - 465 Hills Street**



**SIMULATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
10	EAGLE COURT CUL-DE-SAC (24MM FOCAL LENGTH)	NORTHEAST	+/- 0.08 MILE	YEAR ROUND



**View of Site A - 465 Hills Street**





**REVISED VISIBILITY ANALYSIS**  
**Proposed Wireless Telecommunications Facility**

465 Hills Street  
 East Hartford, CT

Proposed facility height is 117 feet AGL.  
 Existing tree canopy height estimated as 75 feet.  
 Study area includes 8.042 acres of land.  
 New areas of visibility associated with 10-foot increase have not been field-verified.  
 Map revised 5/19/2013

Only those resources located within the Study Area are depicted. For a complete list of data sources consulted for this analysis, please refer to the Documentation Page

**Legend**

- Proposed Tower
- 2-Mile Study Area
- Predicted Seasonal Visibility (107-foot tall Facility)
- Predicted Year-Round Visibility (107-foot tall Facility)
- Predicted Year-round Visibility (117-foot tall Facility)
- Commercial Child Day Care Centers
- Schools
- Open Water
- Swamp Marsh
- Trails
- Municipal Private Open Space
- Protected Open Space

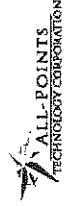


Location

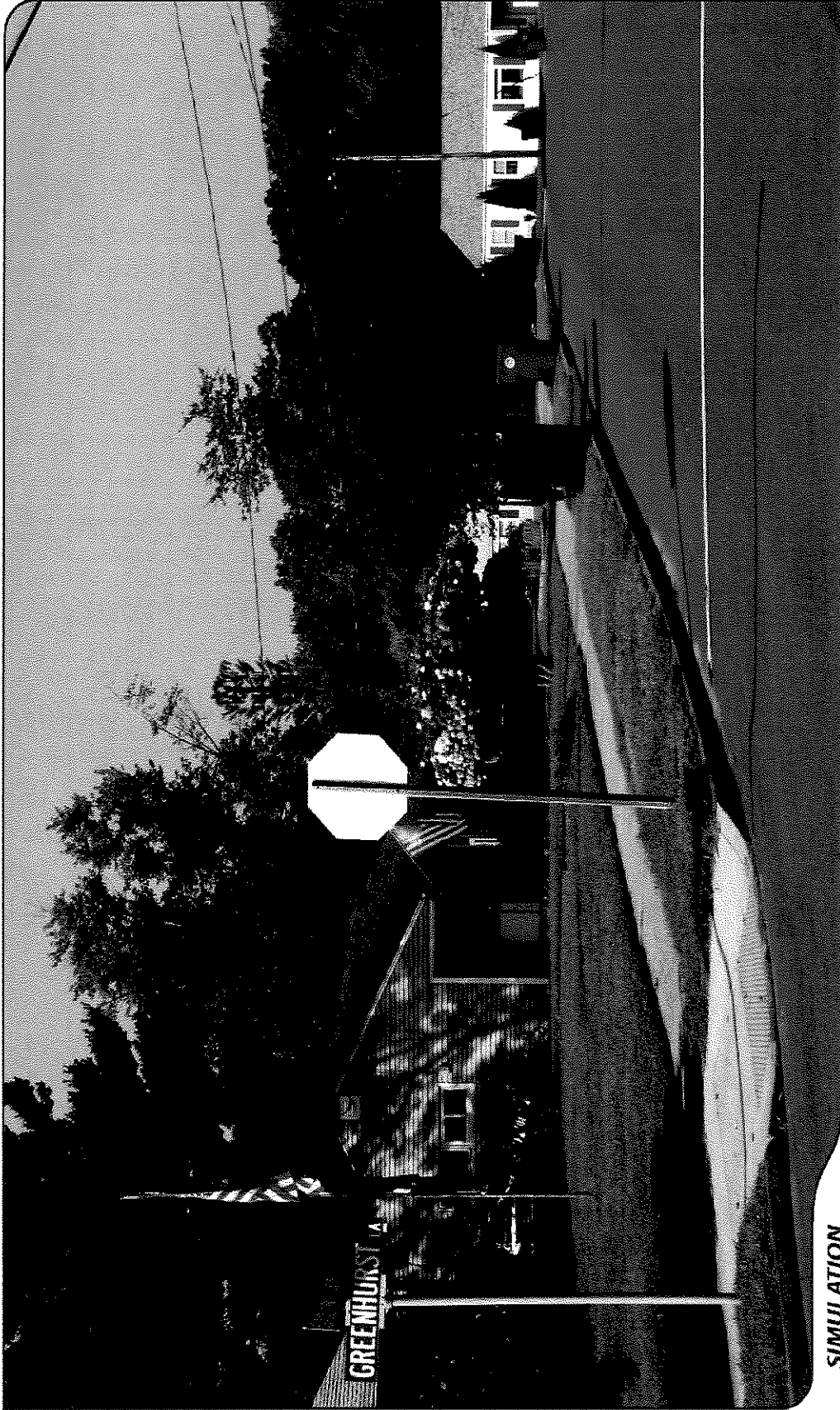


**SIMULATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
3	HILLS STREET	NORTHWEST	+/- 0.19 MILE	YEAR ROUND



**View of Site B - 56 Hills Street**



**SIMULATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
5	GREENHURST LANE	SOUTHWEST	+/- 0.18 MILE	YEAR ROUND



**View of Site B – 56 Hills Street**



### REVISED VISIBILITY ANALYSIS Proposed Wireless Telecommunications Facility

56 Hills Street  
East Hartford, CT

Proposed facility height is 117 feet AGL.  
Existing tree canopy height estimated as 65 feet.  
Study area includes 8,042 acres of land.  
New areas of visibility associated with 10-foot increase have not been field-verified.

Map revised 5/19/2013

Only those resources located within the Study Area are depicted. For a complete list of data sources consulted for this analysis, please refer to the Documentation Page.

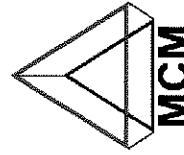
#### Legend

- Proposed Tower
- Predicted Year-Round Visibility (107-foot tall Facility)
- Predicted Seasonal Visibility (107-foot tall Facility)
- Predicted Year-round Visibility (117-foot tall Facility)
- 2-Mile Study Area
- National Register
- Private
- Protected Open Space(s)
- Trails
- Town



**ALL-POINTS  
TECHNOLOGY CORPORATION**  
1500 Appleton Drive, Ridgefield, CT 06877  
www.allpointstech.com

**Docket 436**  
**Public Hearing Presentation**  
**June 6, 2013 – 7:00pm**



**Message Center Management**  
*Keep Your Sites On Us<sup>®</sup>*



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF MESSAGE CENTER MANAGEMENT,  
INC. (MCM) AND NEW CINGULAR WIRELESS PCS, LLC  
FOR A CERTIFICATE OF ENVIRONMENTAL  
COMPATIBILITY AND PUBLIC NEED FOR THE  
CONSTRUCTION, MAINTENANCE AND OPERATION  
OF A TELECOMMUNICATIONS TOWER  
FACILITY AT 465 HILLS STREET OR 56 HILLS STREET  
IN THE TOWN OF EAST HARTFORD, CONNECTICUT

DOCKET NO. 436

**ORIGINAL**

May 30, 2013

RECEIVED  
MAY 31 2013

RESPONSES OF MESSAGE CENTER MANAGEMENT AND NEW CINGULAR WIRELESS  
TO CONNECTICUT SITING COUNCIL PRE-HEARING QUESTIONS, SET II

**Questions for Site A: 465 Hills Street, East Hartford**

Q1. In the Applicant's responses to questions numbered 20 and 21 from the first set of interrogatories, the Applicant provided coverage gap and proposed coverage data for main and secondary roads in general. Break down the main and secondary road coverage gaps and coverage distances by street names. Include the municipalities with the street names if any are located outside of East Hartford.

A1. *Please see table included in Attachment 1.*

Q2. Provide the coverage distances by street names assuming the tower is ten and twenty feet shorter, respectively. Include the municipalities with the street names if any are located outside of East Hartford.

A2. *Please see tables included in Attachment 1.*

**Questions for Site B: 56 Hills Street, East Hartford**

Q3. Would Site B provide adequate coverage for the Town of East Hartford Fire Department's needs?

A3. *When first contacted by the representatives of the Town of East Hartford Fire Department ("Fire Department"), MCM understood that Site B would not provide adequate coverage for the Fire Department's needs. Accordingly, the Fire Department's January 20, 2013 letter supported a facility at 465 Hills Street (Site A) which is included in Attachment 5 of the Application. MCM has since requested confirmation from the Fire Department regarding whether it could utilize a tower at 56 Hills Street (Site B) in*

*furtherance of the Siting Council's interrogatory. To date MCM has not received confirmation whether Fire Department can or cannot utilize a tower at the Candidate B site.*

- Q4. In the Applicant's responses to questions numbered 38 and 39 from the first set of interrogatories, the Applicant provided coverage gap and proposed coverage data for main and secondary roads in general. Break down the main and secondary road coverage gaps and coverage distances by street names. Include the municipalities with the street names if any are located outside of East Hartford.
- A4. *Please see table included in Attachment 2.*
- Q5. Provide the coverage distances by street names assuming the tower is ten and twenty feet shorter, respectively. Include the municipalities with the street names if any are located outside of East Hartford.
- A5. *Please see tables included in Attachment 2.*

CERTIFICATE OF SERVICE

I hereby certify that on this day, an original and fifteen copies of the foregoing was sent electronically and by overnight delivery to the Connecticut Siting Council.

Dated: May 30, 2013

A handwritten signature in black ink, appearing to read "D. Laub", with a long horizontal line extending to the right.

Daniel M. Laub



Attachment 1

**Docket 436 - Site A - 100 feet AGL**

**Main Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
Hills St	0.327	East Hartford	0.327
State Hwy 502	0.043	East Hartford	0.080
<b>Total</b>	<b>0.370</b>	<b>miles</b>	

**Secondary Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
Alexander Dr	0.116	East Hartford	0.116
Anita Dr	0.196	East Hartford	0.424
Avon Dr	0.046	East Hartford	0.046
Bancroft Rd	0.122	East Hartford	0.122
Bonner Dr	0.062	East Hartford	0.062
Brookfield Dr	0.018	East Hartford	0.018
Burnbrook Rd	0.202	East Hartford	0.219
Cardinal Dr	0.146	East Hartford	0.146
Cavan Rd	0.051	East Hartford	0.198
Chase Hollow Lane	0.022	East Hartford	#N/A
Cheney Ln	0.022	East Hartford	0.022
Claire Rd	0.017	East Hartford	0.017
Crestwood Trl	0.159	East Hartford	0.159
Davis Rd	0.444	East Hartford	0.444
Dean Dr	0.030	East Hartford	0.096
Deepwood Dr	0.155	East Hartford	0.209
Depietro Dr	0.028	East Hartford	0.167
Dwyer Dr	0.015	East Hartford	0.015
Eleanor Rd	0.047	East Hartford	0.047
Farmstead Rd	0.249	East Hartford	0.249
Farnham Dr	0.207	East Hartford	0.207
Forest Ln	0.172	East Hartford	0.172
Forest St	0.240	East Hartford	0.303
Fowler Ln	0.190	East Hartford	0.190
Gail Rd	0.110	East Hartford	0.110
Gladys Rd	0.044	East Hartford	0.044
Grande Rd	0.559	East Hartford	0.563
Hartz Ln	0.094	East Hartford	0.094
Harvest Ln	0.131	East Hartford	0.131
Heim Rd	0.015	East Hartford	0.015
Hemlock Ln	0.077	East Hartford	0.077
Herbert Dr	0.010	East Hartford	0.010

Heron Rd	0.034	East Hartford	0.034
Hickory Dr	0.078	East Hartford	0.078
Kingston Dr	0.325	East Hartford	0.325
Langford Ln	0.035	East Hartford	0.035
Lydall Rd	0.118	East Hartford	0.118
Magnolia Dr	0.029	East Hartford	0.029
Melton Dr	0.073	East Hartford	0.073
Mulcahy Dr	0.186	East Hartford	0.186
Nancy Dr	0.133	East Hartford	0.133
Oak St	0.885	East Hartford	1.001
Palmer Dr	0.014	East Hartford	0.014
Parkwood Dr	0.001	East Hartford	0.001
Ralph Rd	0.022	East Hartford	#N/A
Rustic Ln	0.045	East Hartford	0.045
Shannon Rd	0.065	East Hartford	0.124
Strong Dr	0.096	East Hartford	0.096
Sunrise Ln	0.130	East Hartford	0.130
Timrod Trl	0.063	East Hartford	0.115
Whitehall Dr	0.138	East Hartford	0.138
Wickham Dr	0.048	East Hartford	0.048
Zimmer Rd	0.005	East Hartford	0.005
N/A	0.176	East Hartford	N/A
<b>Total</b>	<b>6.697</b>	<b>miles</b>	

#### Main Roads

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
Hebron Ave	0.059	Glastonbury	#N/A
Neipsic Rd	0.152	Glastonbury	#N/A
<b>Total</b>	<b>0.211</b>	<b>miles</b>	

#### Secondary Roads

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
Belle Woods Dr	0.012	Glastonbury	#N/A
Cambridge Dr	0.081	Glastonbury	#N/A
Cavan Ln	0.030	Glastonbury	#N/A
Great Swamp Rd	0.211	Glastonbury	#N/A
Hemlock Hill Dr	0.008	Glastonbury	#N/A
Johnny Cake Ln	0.052	Glastonbury	#N/A
Orchard St	0.019	Glastonbury	#N/A
Princeton Ln	0.117	Glastonbury	#N/A
Skyview Dr	0.016	Glastonbury	#N/A

Trinity Ave	0.409	Glastonbury	#N/A
Uconn Ave	0.088	Glastonbury	#N/A
Wesleyan Rd	0.206	Glastonbury	#N/A
N/A	0.024	Glastonbury	N/A
<b>Total</b>	<b>1.273</b>	<b>miles</b>	

**Secondary Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
Ralph Rd	0.004	Manchester	#N/A
N/A	0.017	Manchester	N/A
<b>Total</b>	<b>0.022</b>	<b>miles</b>	

**Docket 436 - Site A - 90 feet AGL**

**Main Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
State Hwy 502	0.037	East Hartford	0.080
Hills St	0.327	East Hartford	0.327
<b>Total</b>	<b>0.364</b>	<b>miles</b>	

**Secondary Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
Alexander Dr	0.116	East Hartford	0.116
Anita Dr	0.136	East Hartford	0.424
Avon Dr	0.046	East Hartford	0.046
Bancroft Rd	0.122	East Hartford	0.122
Bonner Dr	0.062	East Hartford	0.062
Brookfield Dr	0.018	East Hartford	0.018
Burnbrook Rd	0.153	East Hartford	0.219
Cardinal Dr	0.146	East Hartford	0.146
Cavan Rd	0.051	East Hartford	0.198
Cheney Ln	0.022	East Hartford	0.022
Claire Rd	0.017	East Hartford	0.017
Crestwood Trl	0.159	East Hartford	0.159
Davis Rd	0.444	East Hartford	0.444
Deepwood Dr	0.144	East Hartford	0.209
Depietro Dr	0.008	East Hartford	0.167
Dwyer Dr	0.015	East Hartford	0.015
Eleanor Rd	0.047	East Hartford	0.047
Farmstead Rd	0.249	East Hartford	0.249
Farnham Dr	0.207	East Hartford	0.207
Forest Ln	0.172	East Hartford	0.172
Forest St	0.154	East Hartford	0.303
Fowler Ln	0.190	East Hartford	0.190
Gail Rd	0.110	East Hartford	0.110
Gladys Rd	0.044	East Hartford	0.044
Grande Rd	0.519	East Hartford	0.563
Hartz Ln	0.044	East Hartford	0.094
Harvest Ln	0.131	East Hartford	0.131
Heim Rd	0.015	East Hartford	0.015
Hemlock Ln	0.077	East Hartford	0.077
Herbert Dr	0.010	East Hartford	0.010
Heron Rd	0.034	East Hartford	0.034
Hickory Dr	0.078	East Hartford	0.078

Kingston Dr	0.325	East Hartford	0.325
Langford Ln	0.035	East Hartford	0.035
Lydall Rd	0.113	East Hartford	0.118
Magnolia Dr	0.029	East Hartford	0.029
Melton Dr	0.073	East Hartford	0.073
Mulcahy Dr	0.186	East Hartford	0.186
Nancy Dr	0.133	East Hartford	0.133
Oak St	0.851	East Hartford	1.001
Palmer Dr	0.014	East Hartford	0.014
Parkwood Dr	0.001	East Hartford	0.001
Rustic Ln	0.045	East Hartford	0.045
Shannon Rd	0.058	East Hartford	0.124
Strong Dr	0.096	East Hartford	0.096
Sunrise Ln	0.130	East Hartford	0.130
Timrod Trl	0.057	East Hartford	0.115
Whitehall Dr	0.138	East Hartford	0.138
Wickham Dr	0.048	East Hartford	0.048
Zimmer Rd	0.005	East Hartford	0.005
N/A	0.032	East Hartford	N/A
<b>Total</b>	<b>6.112</b>	<b>miles</b>	

#### Main Roads

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
Hebron Ave	0.015	Glastonbury	#N/A
Neipsic Rd	0.152	Glastonbury	#N/A
<b>Total</b>	<b>0.167</b>	<b>miles</b>	

#### Secondary Roads

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
Belle Woods Dr	0.005	Glastonbury	#N/A
Cambridge Dr	0.047	Glastonbury	#N/A
Great Swamp Rd	0.108	Glastonbury	#N/A
Hemlock Hill Dr	0.008	Glastonbury	#N/A
Johnny Cake Ln	0.003	Glastonbury	#N/A
Orchard St	0.009	Glastonbury	#N/A
Princeton Ln	0.117	Glastonbury	#N/A
Skyview Dr	0.011	Glastonbury	#N/A
Trinity Ave	0.328	Glastonbury	#N/A
Uconn Ave	0.064	Glastonbury	#N/A
Wesleyan Rd	0.196	Glastonbury	#N/A
<b>Total</b>	<b>0.895</b>	<b>miles</b>	

**Secondary Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
N/A	0.017	Manchester	N/A
Ralph Rd	0.004	Manchester	#N/A
<b>Total</b>	<b>0.022</b>	<b>miles</b>	

**Docket 436 - Site A - 80 feet AGL**

**Main Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
Hills St	0.327	East Hartford	0.327
State Hwy 502	0.013	East Hartford	0.080
<b>Total</b>	<b>0.340</b>	<b>miles</b>	

**Secondary Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
Alexander Dr	0.116	East Hartford	0.116
Avon Dr	0.046	East Hartford	0.046
Bancroft Rd	0.122	East Hartford	0.122
Bonner Dr	0.062	East Hartford	0.062
Brookfield Dr	0.018	East Hartford	0.018
Burnbrook Rd	0.088	East Hartford	0.219
Cardinal Dr	0.146	East Hartford	0.146
Cavan Rd	0.010	East Hartford	0.198
Cheney Ln	0.022	East Hartford	0.022
Crestwood Trl	0.159	East Hartford	0.159
Davis Rd	0.444	East Hartford	0.444
Deepwood Dr	0.095	East Hartford	0.209
Dwyer Dr	0.015	East Hartford	0.015
Eleanor Rd	0.047	East Hartford	0.047
Farmstead Rd	0.249	East Hartford	0.249
Farnham Dr	0.207	East Hartford	0.207
Forest St	0.099	East Hartford	0.303
Fowler Ln	0.190	East Hartford	0.190
Gail Rd	0.081	East Hartford	0.110
Grande Rd	0.497	East Hartford	0.563
Harvest Ln	0.131	East Hartford	0.131
Hemlock Ln	0.077	East Hartford	0.077
Herbert Dr	0.010	East Hartford	0.010
Heron Rd	0.034	East Hartford	0.034
Hickory Dr	0.078	East Hartford	0.078
Kingston Dr	0.283	East Hartford	0.325
Langford Ln	0.008	East Hartford	0.035
Lydall Rd	0.113	East Hartford	0.118
Magnolia Dr	0.029	East Hartford	0.029
Melton Dr	0.073	East Hartford	0.073
Mulcahy Dr	0.186	East Hartford	0.186
Nancy Dr	0.079	East Hartford	0.133



Oak St	0.591	East Hartford	1.001
Palmer Dr	0.014	East Hartford	0.014
Parkwood Dr	0.001	East Hartford	0.001
Rustic Ln	0.045	East Hartford	0.045
Shannon Rd	0.007	East Hartford	0.124
Strong Dr	0.096	East Hartford	0.096
Sunrise Ln	0.130	East Hartford	0.130
Timrod Trl	0.008	East Hartford	0.115
Whitehall Dr	0.138	East Hartford	0.138
Wickham Dr	0.048	East Hartford	0.048
Zimmer Rd	0.005	East Hartford	0.005
N/A	0.032	East Hartford	N/A
<b>Total</b>	<b>4.927</b>	<b>miles</b>	

**Main Roads**

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
Neipsic Rd	0.139	Glastonbury	#N/A
<b>Total</b>	<b>0.139</b>	<b>miles</b>	

**Secondary Roads**

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
Cambridge Dr	0.030	Glastonbury	#N/A
Great Swamp Rd	0.003	Glastonbury	#N/A
Princeton Ln	0.117	Glastonbury	#N/A
Trinity Ave	0.112	Glastonbury	#N/A
Uconn Ave	0.051	Glastonbury	#N/A
Wesleyan Rd	0.127	Glastonbury	#N/A
<b>Total</b>	<b>0.440</b>	<b>miles</b>	

**Secondary Roads**

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
N/A	0.017	Manchester	N/A
<b>Total</b>	<b>0.017</b>	<b>miles</b>	

Attachment 2

**Docket 436 - Site B - 100 feet AGL**

**Main Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
Hills St	0.228	East Hartford	0.327
State Hwy 502	0.043	East Hartford	0.080
<b>Total</b>	<b>0.271</b>	<b>miles</b>	

**Secondary Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
Alexander Dr	0.116	East Hartford	0.116
Anita Dr	0.022	East Hartford	0.424
Bancroft Rd	0.122	East Hartford	0.122
Barbara Dr	0.072	East Hartford	0.093
Birchwood Rd	0.003	East Hartford	0.049
Brookfield Dr	0.018	East Hartford	0.018
Crestwood Trl	0.028	East Hartford	0.159
Davis Rd	0.264	East Hartford	0.444
Dean Dr	0.063	East Hartford	0.096
Depietro Dr	0.101	East Hartford	0.167
Dorothy Rd	0.003	East Hartford	0.017
Dwyer Dr	0.015	East Hartford	0.015
Eleanor Rd	0.047	East Hartford	0.047
Fitzgerald Dr	0.152	East Hartford	0.152
Forest Ln	0.029	East Hartford	0.172
Forest St	0.133	East Hartford	0.303
Gladys Rd	0.020	East Hartford	0.044
Grande Rd	0.037	East Hartford	0.563
Hartz Ln	0.094	East Hartford	0.094
Heim Rd	0.015	East Hartford	0.015
Hemlock Ln	0.060	East Hartford	0.077
Heron Rd	0.034	East Hartford	0.034
Jessica Dr	0.008	East Hartford	0.008
Knollwood Rd	0.001	East Hartford	0.001
Lombardo Dr	0.004	East Hartford	0.004
Lydall Rd	0.099	East Hartford	0.118
Mculty Dr	0.141	East Hartford	0.141
Melody Ln	0.118	East Hartford	0.118
Oak St	0.131	East Hartford	1.001
Parkwood Dr	0.001	East Hartford	0.001
Patricia Dr	0.043	East Hartford	0.043
Rolling Meadow Dr	0.100	East Hartford	0.115

Sandra Dr	0.063	East Hartford	0.115
Shannon Rd	0.038	East Hartford	0.124
Shaughnessy Dr	0.023	East Hartford	0.023
Strong Dr	0.048	East Hartford	0.096
Sunrise Ln	0.124	East Hartford	0.130
Timrod Trl	0.008	East Hartford	0.115
Wickham Dr	0.006	East Hartford	0.048
N/A	0.152	East Hartford	N/A
<b>Total</b>	<b>2.558</b>	<b>miles</b>	

#### Main Roads

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
State Hwy 2	0.042	Glastonbury	#N/A
Hebron Ave	0.032	Glastonbury	#N/A
Neipsic Rd	0.049	Glastonbury	#N/A
New London Tpke	0.018	Glastonbury	#N/A
<b>Total</b>	<b>0.141</b>	<b>miles</b>	

#### Secondary Roads

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
Candlewood Rd	0.080	Glastonbury	#N/A
Cavan Ln	0.021	Glastonbury	#N/A
Crescent Rd	0.032	Glastonbury	#N/A
Garland Dr	0.027	Glastonbury	#N/A
Glenwood Rd	0.004	Glastonbury	#N/A
Griswold St	0.005	Glastonbury	#N/A
Lancaster Rd	0.000	Glastonbury	#N/A
Meadowrue Dr	0.000	Glastonbury	#N/A
Milestone Dr	0.008	Glastonbury	#N/A
Orchard St	0.019	Glastonbury	#N/A
Summersweet Dr	0.046	Glastonbury	#N/A
<b>Total</b>	<b>0.241</b>	<b>miles</b>	

#### Secondary Roads

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
Standish St	0.001	Hartford	#N/A
<b>Total</b>	<b>0.001</b>	<b>miles</b>	

**Docket 436 - Site B - 90 feet AGL**

**Main Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
Hills St	0.198	East Hartford	0.327
State Hwy 502	0.053	East Hartford	0.080
<b>Total</b>	<b>0.251</b>	<b>miles</b>	

**Secondary Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
Alexander Dr	0.116	East Hartford	0.116
Anita Dr	0.022	East Hartford	0.424
Bancroft Rd	0.100	East Hartford	0.122
Barbara Dr	0.072	East Hartford	0.093
Birchwood Rd	0.003	East Hartford	0.049
Brookfield Dr	0.018	East Hartford	0.018
Crestwood Trl	0.028	East Hartford	0.159
Davis Rd	0.119	East Hartford	0.444
Dean Dr	0.063	East Hartford	0.096
Depietro Dr	0.101	East Hartford	0.167
Dorothy Rd	0.003	East Hartford	0.017
Dwyer Dr	0.003	East Hartford	0.015
Eleanor Rd	0.047	East Hartford	0.047
Fitzgerald Dr	0.152	East Hartford	0.152
Forest Ln	0.028	East Hartford	0.172
Forest St	0.122	East Hartford	0.303
Gladys Rd	0.020	East Hartford	0.044
Grande Rd	0.037	East Hartford	0.563
Hartz Ln	0.094	East Hartford	0.094
Heim Rd	0.015	East Hartford	0.015
Hemlock Ln	0.058	East Hartford	0.077
Heron Rd	0.034	East Hartford	0.034
Jessica Dr	0.008	East Hartford	0.008
Knollwood Rd	0.001	East Hartford	0.001
Lombardo Dr	0.004	East Hartford	0.004
Lydall Rd	0.099	East Hartford	0.118
Mcnulty Dr	0.141	East Hartford	0.141
Melody Ln	0.118	East Hartford	0.118
Oak St	0.131	East Hartford	1.001
Parkwood Dr	0.001	East Hartford	0.001
Patricia Dr	0.043	East Hartford	0.043
Rolling Meadow Dr	0.100	East Hartford	0.115

Sandra Dr	0.063	East Hartford	0.115
Shannon Rd	0.038	East Hartford	0.124
Shaughnessy Dr	0.023	East Hartford	0.023
Strong Dr	0.048	East Hartford	0.096
Sunrise Ln	0.124	East Hartford	0.130
Timrod Trl	0.001	East Hartford	0.115
Wickham Dr	0.006	East Hartford	0.048
N/A	0.032	East Hartford	N/A
<b>Total</b>	<b>2.236</b>	<b>miles</b>	

#### Main Roads

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
State Hwy 2	0.032	Glastonbury	#N/A
Neipsic Rd	0.038	Glastonbury	#N/A
New London Tpke	0.028	Glastonbury	#N/A
<b>Total</b>	<b>0.098</b>	<b>miles</b>	

#### Secondary Roads

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
Candlewood Rd	0.080	Glastonbury	#N/A
Cavan Ln	0.021	Glastonbury	#N/A
Crescent Rd	0.032	Glastonbury	#N/A
Garland Dr	0.027	Glastonbury	#N/A
Glenwood Rd	0.004	Glastonbury	#N/A
Griswold St	0.005	Glastonbury	#N/A
Lancaster Rd	0.000	Glastonbury	#N/A
Meadowrue Dr	0.000	Glastonbury	#N/A
Milestone Dr	0.008	Glastonbury	#N/A
Orchard St	0.011	Glastonbury	#N/A
Summersweet Dr	0.032	Glastonbury	#N/A
<b>Total</b>	<b>0.220</b>	<b>miles</b>	

#### Secondary Roads

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
Standish St	0.001	Hartford	#N/A
<b>Total</b>	<b>0.001</b>	<b>miles</b>	

**Docket 436 - Site B - 80 feet AGL**

**Main Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
Hills St	0.190	East Hartford	0.327
State Hwy 502	0.039	East Hartford	0.080
<b>Total</b>	<b>0.229</b>	<b>miles</b>	

**Secondary Roads**

<b>Street Name</b>	<b>Covered Road Segment (Miles)</b>	<b>Town</b>	<b>Gap Mileage</b>
Alexander Dr	0.116	East Hartford	0.116
Anita Dr	0.019	East Hartford	0.424
Bancroft Rd	0.074	East Hartford	0.122
Barbara Dr	0.065	East Hartford	0.093
Birchwood Rd	0.000	East Hartford	0.049
Brookfield Dr	0.018	East Hartford	0.018
Crestwood Trl	0.023	East Hartford	0.159
Davis Rd	0.109	East Hartford	0.444
Dean Dr	0.084	East Hartford	0.096
Depietro Dr	0.101	East Hartford	0.167
Dorothy Rd	0.003	East Hartford	0.017
Eleanor Rd	0.017	East Hartford	0.047
Fitzgerald Dr	0.152	East Hartford	0.152
Forest Ln	0.028	East Hartford	0.172
Forest St	0.124	East Hartford	0.303
Gladys Rd	0.015	East Hartford	0.044
Grande Rd	0.019	East Hartford	0.563
Hartz Ln	0.094	East Hartford	0.094
Heim Rd	0.002	East Hartford	0.015
Hemlock Ln	0.060	East Hartford	0.077
Heron Rd	0.034	East Hartford	0.034
Jessica Dr	0.008	East Hartford	0.008
Knollwood Rd	0.001	East Hartford	0.001
Lombardo Dr	0.004	East Hartford	0.004
Lydall Rd	0.041	East Hartford	0.118
Mcnulty Dr	0.141	East Hartford	0.141
Melody Ln	0.082	East Hartford	0.118
Oak St	0.115	East Hartford	1.001
Parkwood Dr	0.001	East Hartford	0.001
Patricia Dr	0.043	East Hartford	0.043
Rolling Meadow Dr	0.099	East Hartford	0.115
Sandra Dr	0.057	East Hartford	0.115

Shannon Rd	0.034	East Hartford	0.124
Shaughnessy Dr	0.023	East Hartford	0.023
Strong Dr	0.048	East Hartford	0.096
Sunrise Ln	0.124	East Hartford	0.130
Wickham Dr	0.006	East Hartford	0.048
N/A	0.032	East Hartford	N/A
<b>Total</b>	<b>2.015</b>	<b>miles</b>	

**Main Roads**

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
State Hwy 2	0.026	Glastonbury	#N/A
Hebron Ave	0.019	Glastonbury	#N/A
Neipsic Rd	0.032	Glastonbury	#N/A
New London Tpke	0.021	Glastonbury	#N/A
<b>Total</b>	<b>0.097</b>	<b>miles</b>	

**Secondary Roads**

Street Name	Covered Road Segment (Miles)	Town	Gap Mileage
Candlewood Rd	0.080	Glastonbury	#N/A
Cavan Ln	0.007	Glastonbury	#N/A
Crescent Rd	0.032	Glastonbury	#N/A
Glenwood Rd	0.004	Glastonbury	#N/A
Orchard St	0.009	Glastonbury	#N/A
Summersweet Dr	0.011	Glastonbury	#N/A
<b>Total</b>	<b>0.143</b>	<b>miles</b>	