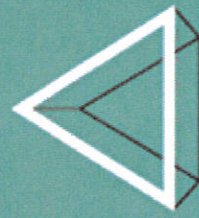


# ATTACHMENT 4

**YOUR SOLUTION IS IN SIGHT**

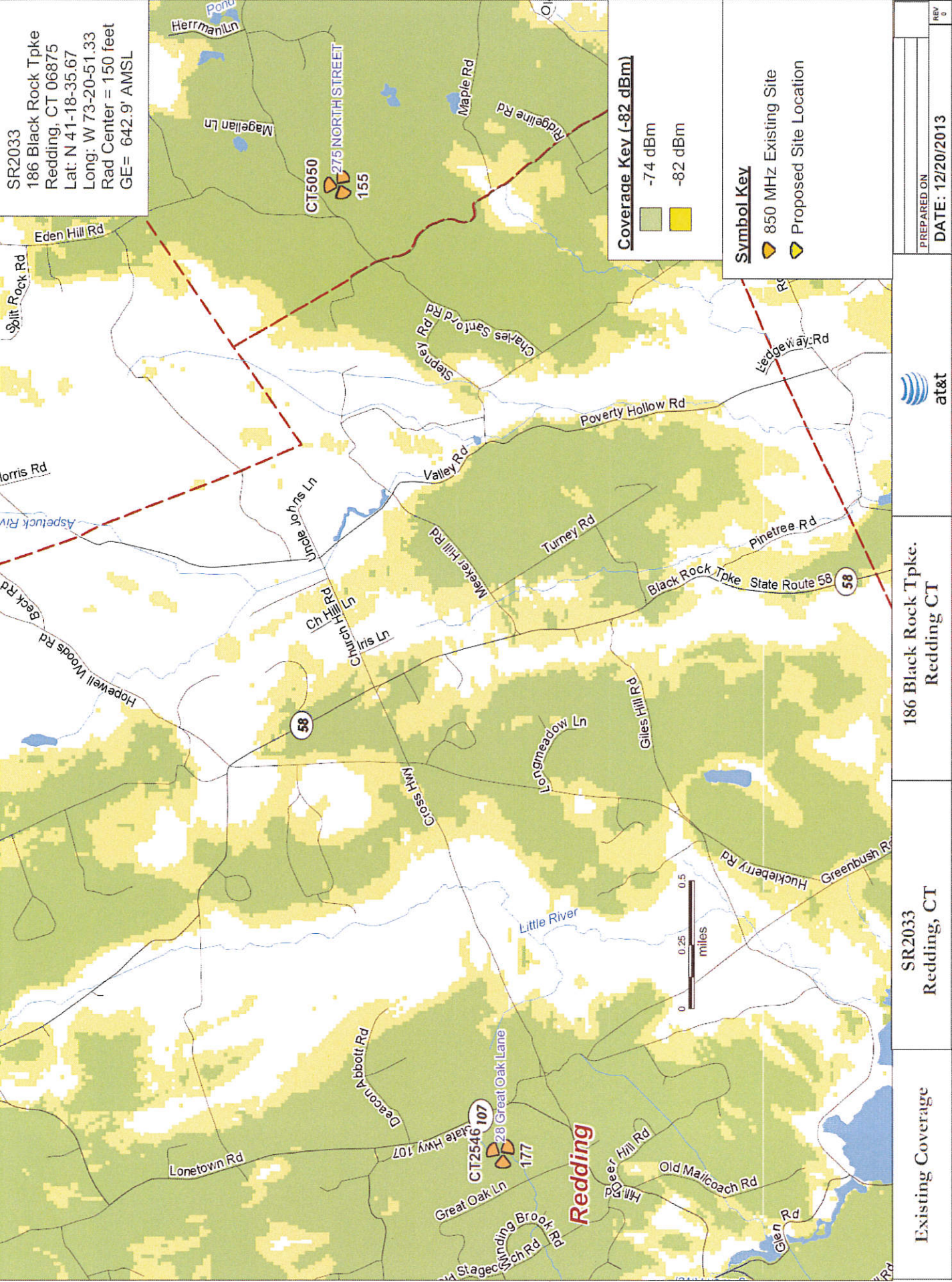
**Public Presentation – Docket 449  
Connecticut Siting Council  
July 29, 2014 7:00pm**

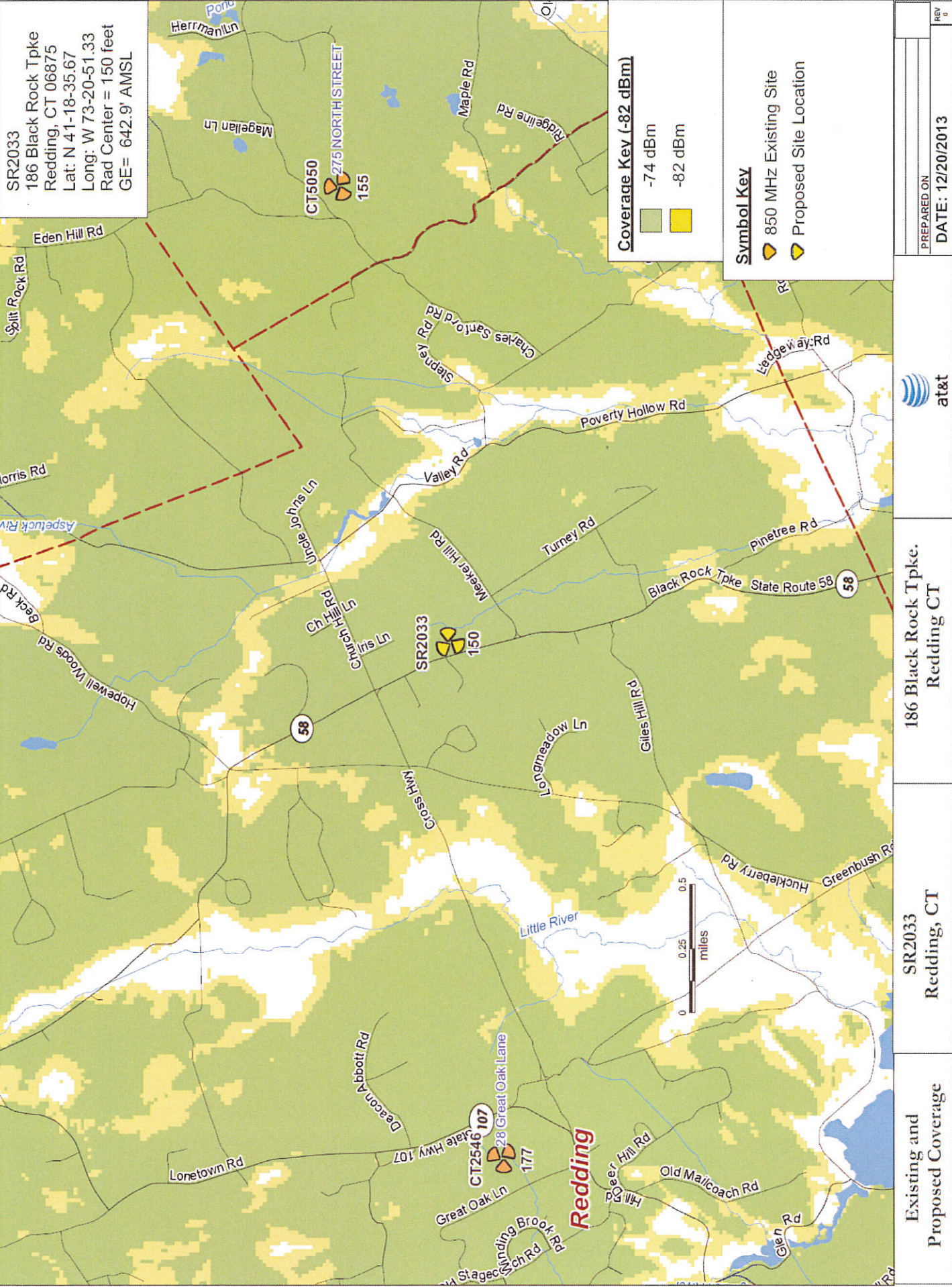


**MCM**

KEEP YOUR SITES ON US®







SR2033  
 186 Black Rock Tpke  
 Redding, CT 06875  
 Lat: N 41-18-35.67  
 Long: W 73-20-51.33  
 Rad Center = 150 feet  
 GE= 642.9' AMSL

**Coverage Key (-82 dBm)**

- 74 dBm
- 82 dBm

**Symbol Key**

- 850 MHz Existing Site
- Proposed Site Location

PREPARED ON	REV
DATE: 12/20/2013	0

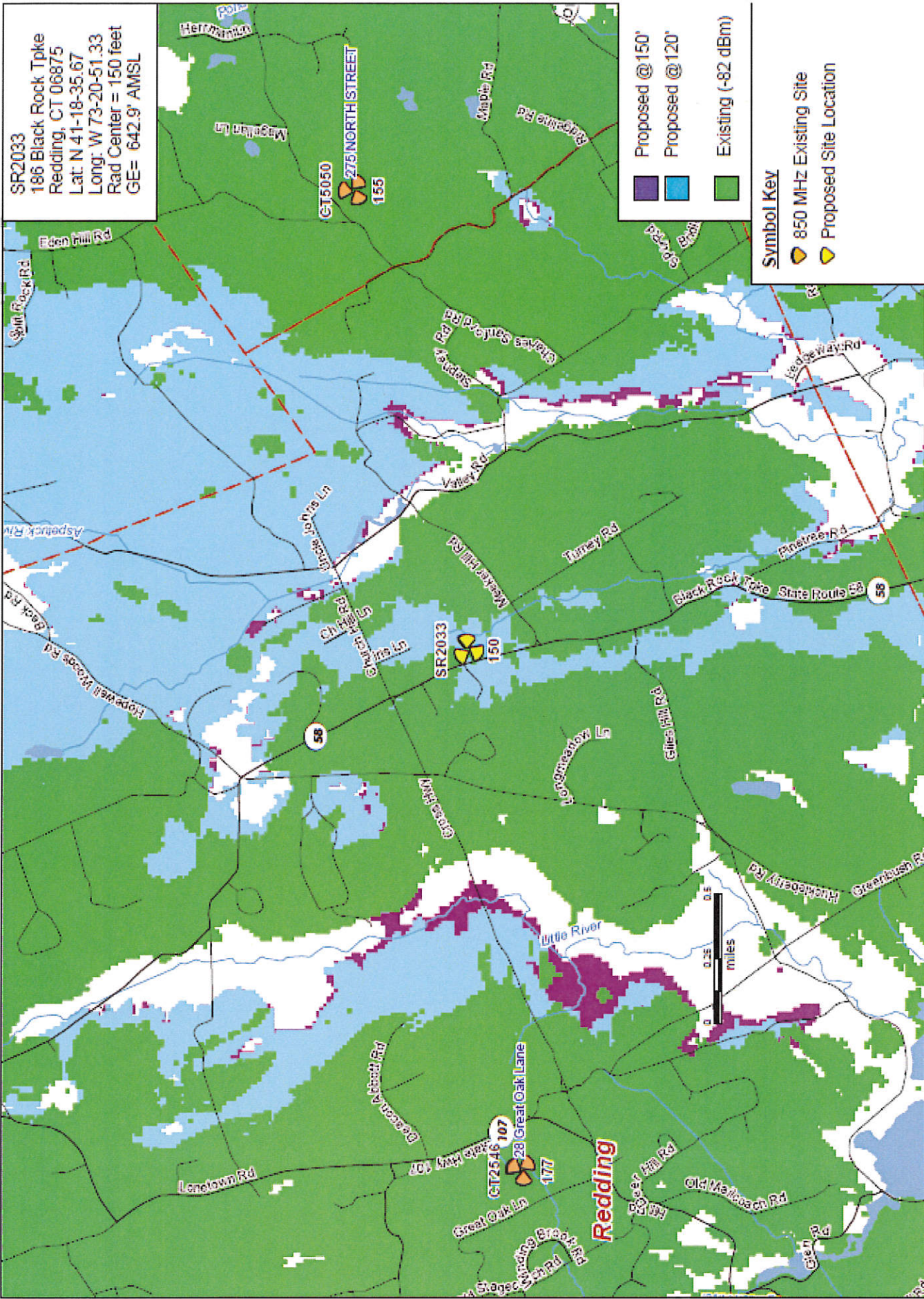


186 Black Rock Tpke.  
 Redding CT

SR2033  
 Redding, CT

Existing and  
 Proposed Coverage

SR2033  
 186 Black Rock Tpke  
 Redding, CT 06875  
 Lat: N 41-18-35.67  
 Long: W 73-20-51.33  
 Rad Center = 150 feet  
 GE= 642.9' AMSL



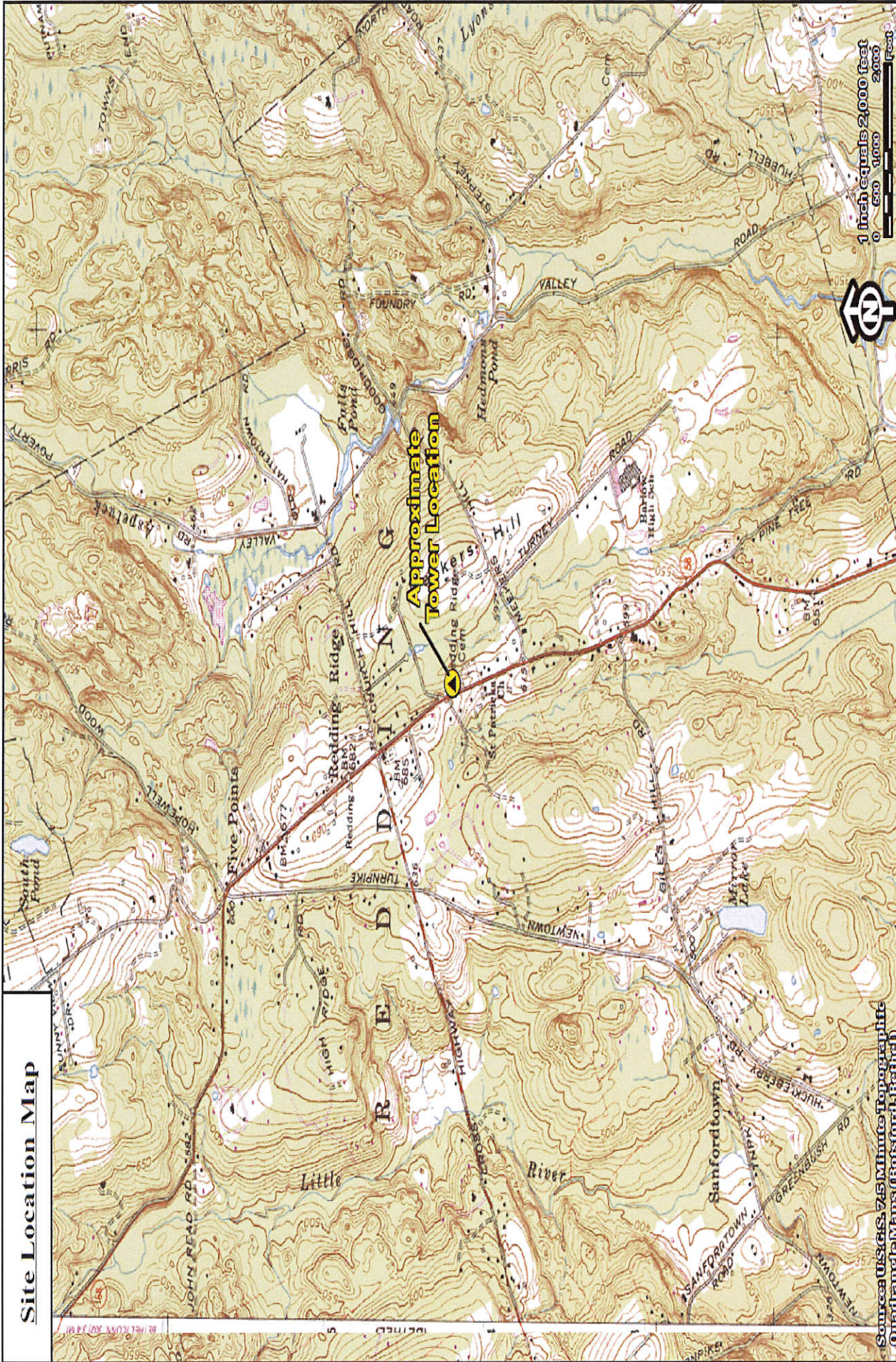
- Proposed @150'
- Proposed @120'
- Existing (-82 dBm)

**Symbol Key**

- 850 MHz Existing Site
- Proposed Site Location

Height Analysis Cellular In-Vehicle	SR2033 Redding, CT	186 Black Rock Tpke. Redding CT		
			PREPARED BY DATE: 02/28/2014	

**Site Location Map**



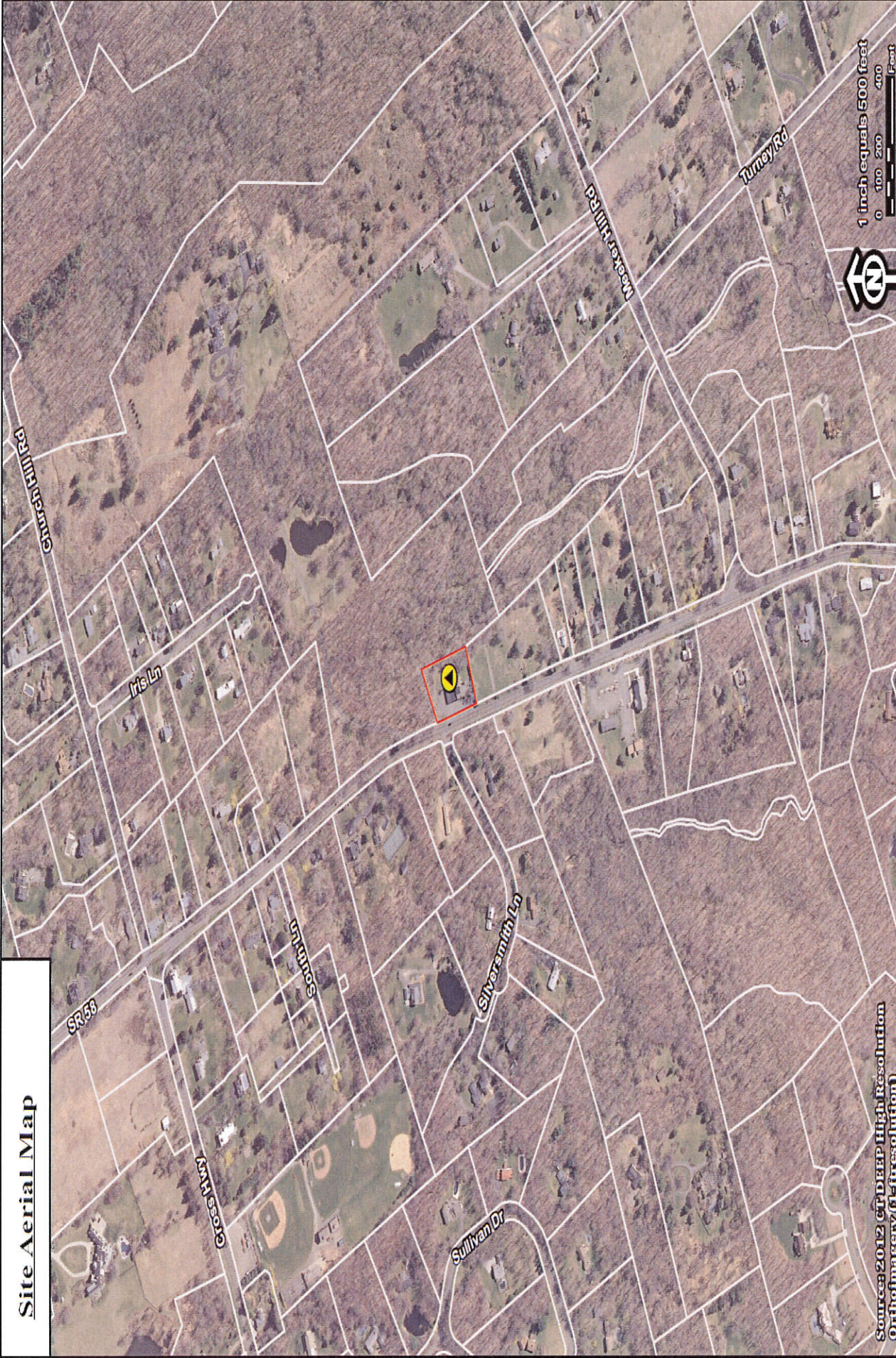
Source: USGS 7.5 Minute Topographic  
Quadrangle Maps (Botsford, Bethel)

**Proposed MCM Redding Ridge Facility  
186 Black Rock Turnpike  
Redding, Connecticut**

**Monday, December 02, 2013**



# Site Aerial Map



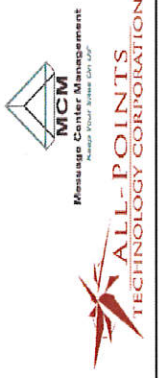
Source: 2012 CTDEEP High Resolution Orthoimagery (1-ft-resolution)

### Legend

-  Approximate Tower Location
-  Subject Property
-  CT DEEP Parcel (updated 8/10)

**Proposed MCM Redding Ridge Facility**  
**186 Black Rock Turnpike**  
**Redding, Connecticut**

**Monday, December 02, 2013**



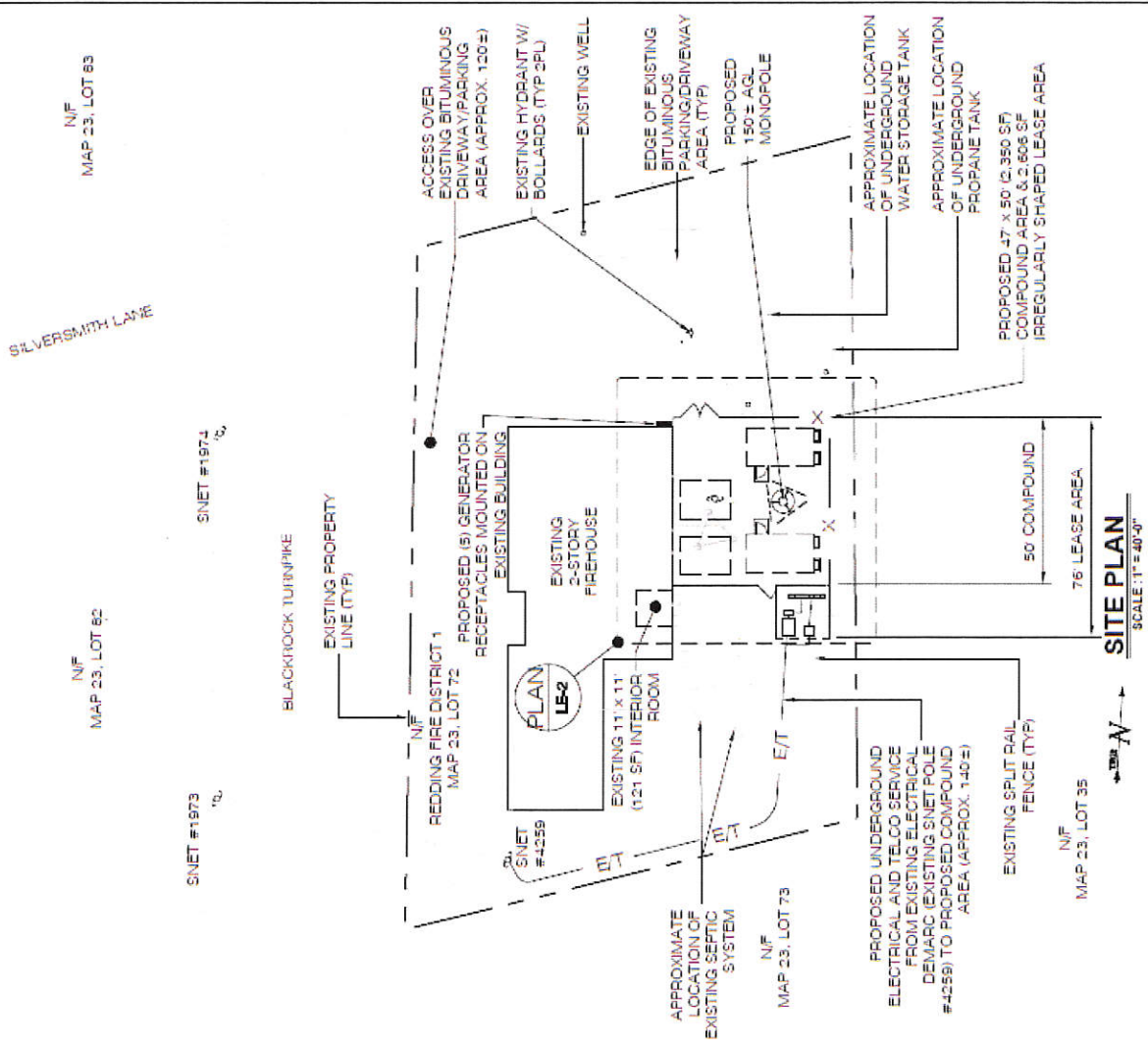
**ALL POINTS**  
TECHNOLOGY CORPORATION

1 SAUER BRIDGE DRIVE  
REDDING, CT 06888  
PHONE: (860)652-1991  
FAX: (860)652-9225  
WWW.ALLPOINTSCT.COM

APT FILING NUMBER: CT-242-310  
LE-1  
SCALE: AS NOTED  
DATE: 10/18/13  
DRAWN BY: RCB  
CHECKED BY: SMC

MESSAGE CENTER  
MANAGEMENT  
40 WOODLAND STREET  
REDDING, CT 06888  
OFFICE: (860)324-2482  
MCM

MCM SITE NUMBER:  
CT1605  
REDDING RIDGE  
186 BLACK ROCK TURNPIKE  
REDDING, CT 06888



**SITE PLAN**  
SCALE: 1" = 40'-0"

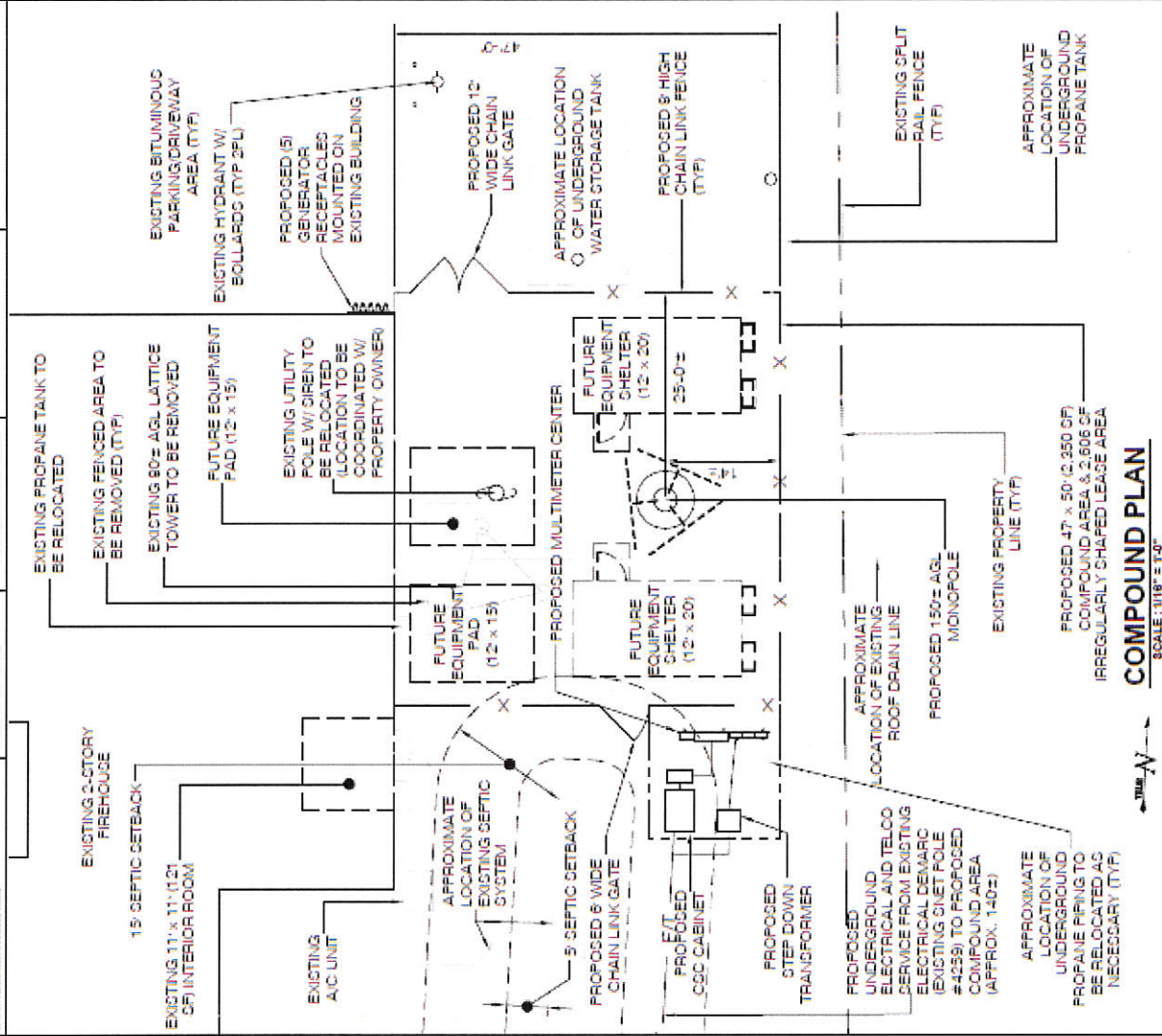
NOTE: EXACT LOCATION AND ORIENTATION OF PROPOSED LEASE AREA PENDING SITE SURVEY & FURTHER ENGINEERING REVIEW AND ANALYSIS. PROPOSED UTILITY ROUTING AND R.O.W. EXTENTS TO BE DETERMINED BY LOCAL UTILITY PROVIDERS.



**ALL-POINTS**  
TECHNOLOGY CORPORATION  
1 SANDHURST DRIVE  
MILLINGTON, CT 06108  
PHONE: (860) 443-1107  
FAX: (860) 443-1102  
WWW.ALLPOINTS.COM

**APT FILING NUMBER: CT-242-310**  
LE-2  
SCALE: AS NOTED  
DATE: 10/16/13  
DRAWN BY: RCB  
CHECKED BY: SMC

**MCM SITE NUMBER: CT505**  
MESSAGE CENTER  
MAIL ROOM  
40 WOODLAND STREET  
HARTFORD, CT 06106  
OFFICE: (860) 575-7403



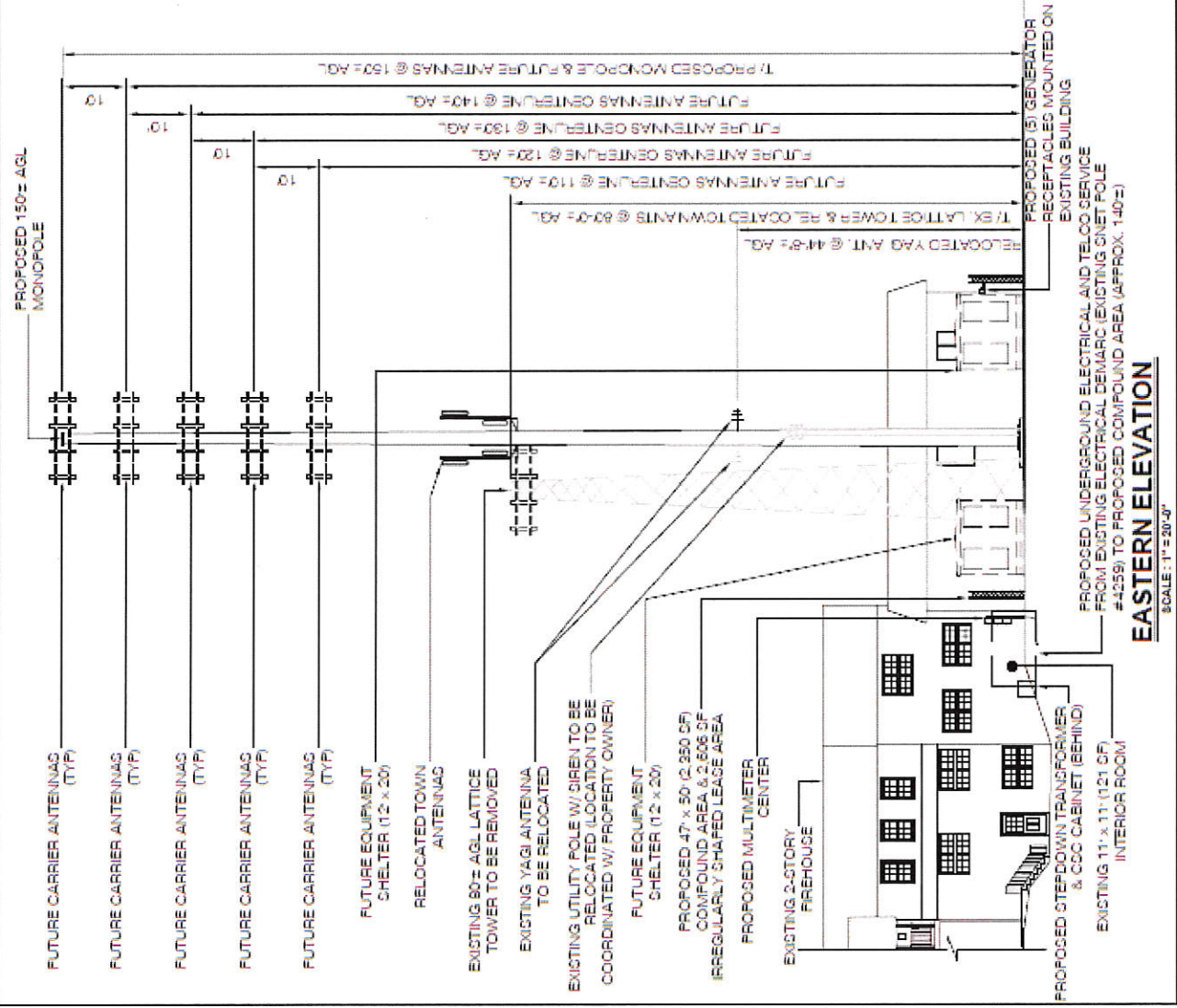
**COMPUND PLAN**  
SCALE: 1/16" = 1'-0"  
NOTE: EXACT LOCATION AND ORIENTATION OF PROPOSED LEASE AREA, REMAINING SITE SURVEY & FURTHER ENGINEERING REVIEW AND ANALYSIS, PROPOSED UTILITY ROUTING AND R.O.W. EXTENTS TO BE DETERMINED BY LOCAL UTILITY PROVIDERS.

**ALL-POINTS**  
TECHNOLOGY CORPORATION  
1 SANDLERBROOK DRIVE  
MIDDLETOWN, CT 06457  
PHONE: (860) 943-1942  
FAX: (860) 943-0440  
WWW.ALLPOINTSCT.COM

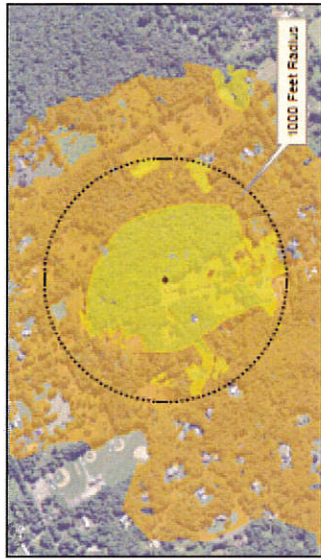
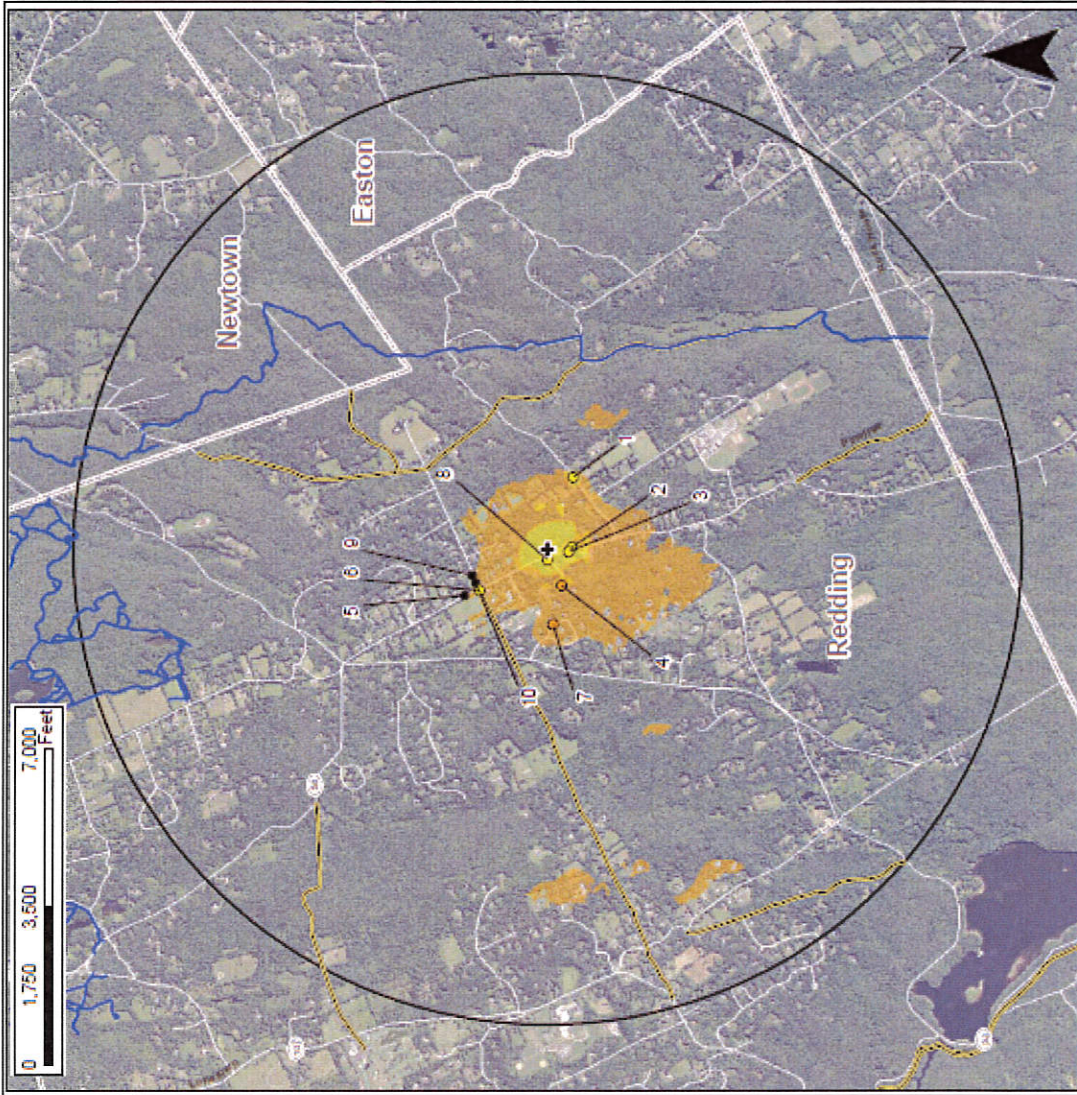
APT FILING NUMBER: CT-242-310  
LE-3  
SCALE: AS NOTED  
DATE: 10/16/13  
DRAWN BY: RCB  
CHECKED BY: SMC

**MCM**  
MESSAGE CENTER  
MANAGEMENT  
40 WOODLAND STREET  
HARTFORD, CT 06108  
OFFICE: (860) 975-1142

**MCM SITE NUMBER:**  
CT5005  
REDDING RIDGE  
166 BLACK ROCK TURNPIKE  
REDDING, CT 06886



**EASTERN ELEVATION**  
SCALE: 1" = 20'-0"



**Visibility Analysis - Aerial Base**  
**Proposed Wireless Telecommunications Facility**  
 Redding Ridge  
 186 Black Rock Turnpike, Redding, CT

Proposed facility height is 150 feet AGL.  
 Existing tree canopy height estimated as 65 feet.  
 Study area encompasses a two-mile radius and  
 includes 8,042 acres of land.

Map compiled 04/10/2014

Map information field verified by APT on 03/16/2014.

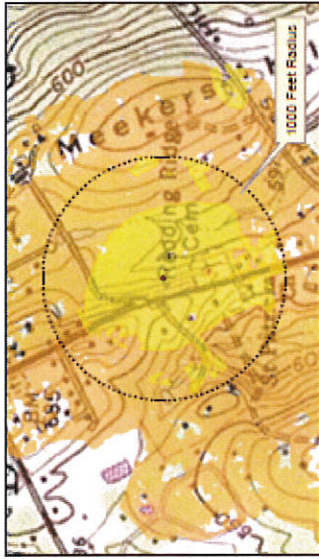
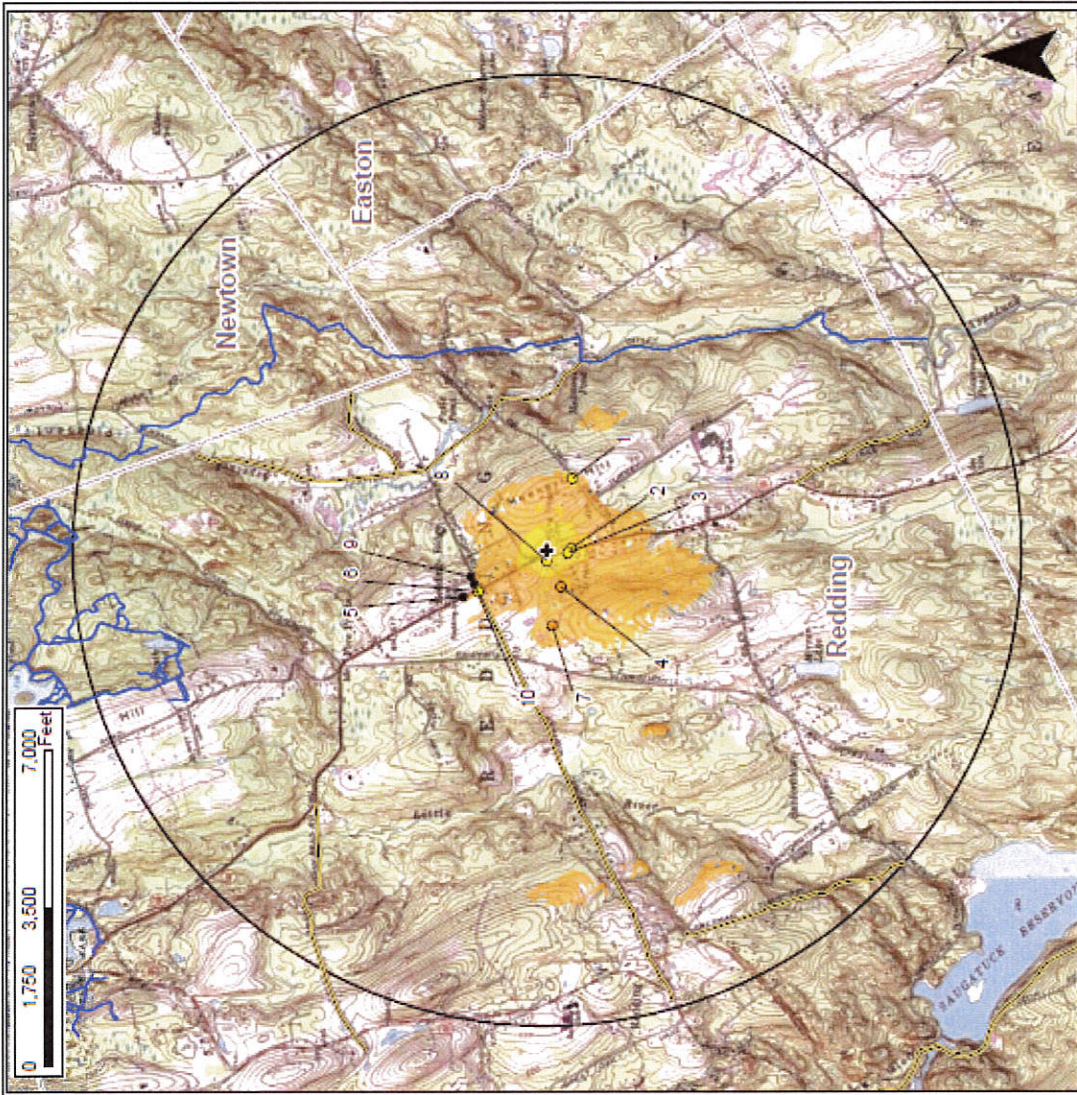
Only those resources located within the extent of the map are depicted. For a complete list of data sources consulted for this analysis, please refer to the Documentation Page.

**Legend**

- + Proposed Tower
- Photo Locations
- Not Visible
- Seasonal Views
- Year-round Views
- Trails
- ▭ Predicted Seasonal Visibility (254 AC)
- ▭ Predicted Year-Round Visibility (39 AC)
- ▭ Towns
- ▭ 3-Mile Study Area
- ▭ Open Space
- ▭ Scenic Roads

**Location**

**ALL-POINTS TECHNOLOGY CORPORATION**  
 100 Main Street, Redding, CT 06884  
 www.allpointstech.com



**Visibility Analysis – Topo Base**  
**Proposed Wireless Telecommunications Facility**  
 Reading Ridge  
 186 Black Rock Tumble, Redding, CT

Proposed facility height is 180 feet A.S.L.  
 Existing tree canopy height estimated as 65 feet.  
 Study area encompasses a two-mile radius and  
 includes 8,042 acres of land. Map compiled 04/10/2014

Map information field verified by APT on 03/16/2014.  
 Only those resources located within the extent of the map are depicted. For a  
 complete list of data sources consulted for this analysis, please refer to the  
 Documentation Page.

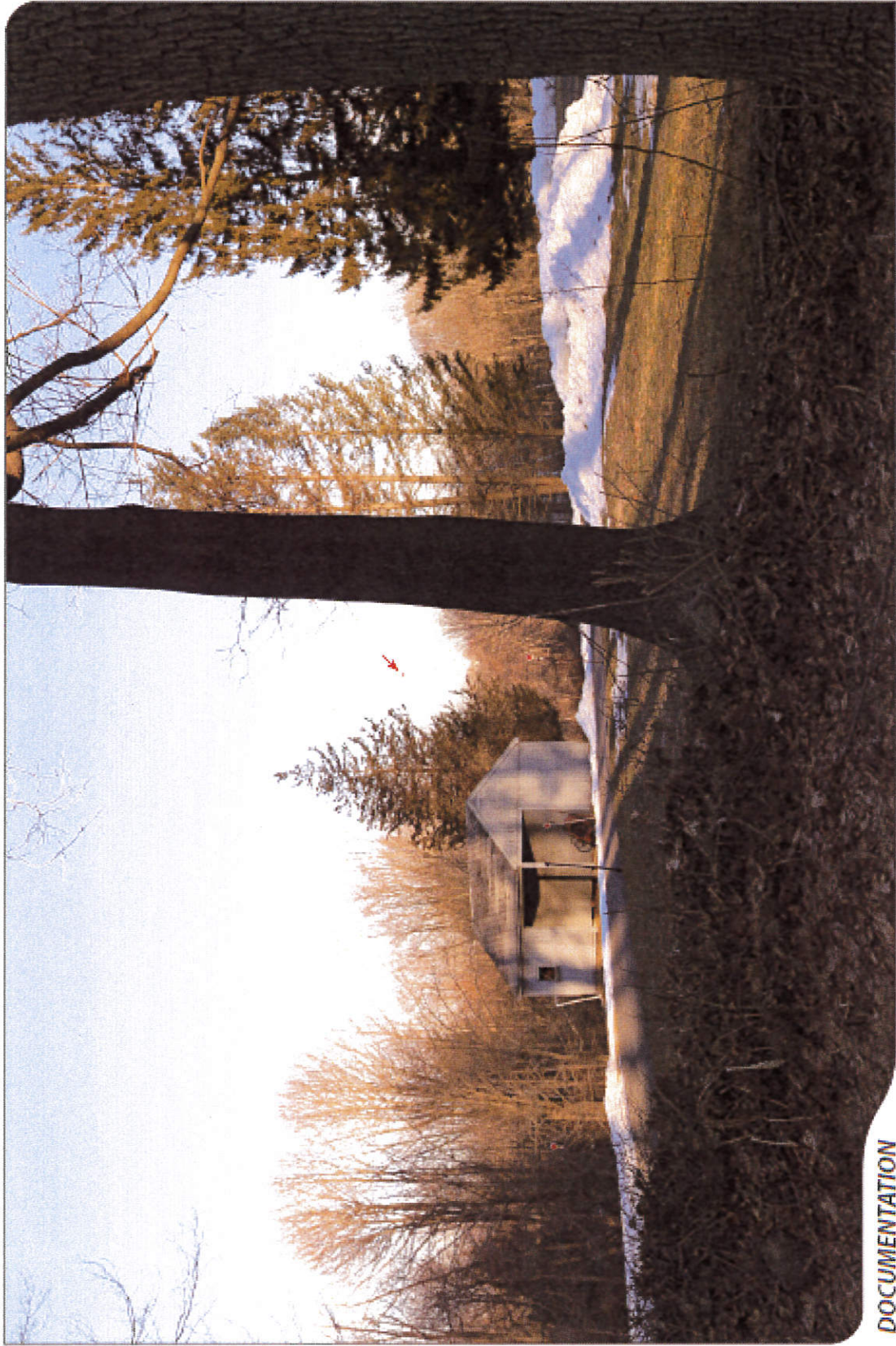
**Legend**

- + Proposed Tower
- Photo Locations
- Not Visible
- Seasonal Views
- Year-round Views
- Trails
- Predicted Seasonal Visibility (55+ Ac.)
- Predicted Year-Round Visibility (38 Ac.)
- Towns
- 2-Mile Study Area
- Open Space
- Scenic Roads

**Location**

**MGW**  
 Mountain Green Works

**ALL-POINTS**  
 TECHNOLOGY CORPORATION  
 100 Main Street, Redding, VT 05767  
 www.all-points.com



**DOCUMENTATION**

PHOTO

**1**

LOCATION

**MEEKER HILL ROAD**

ORIENTATION

**NORTHWEST**

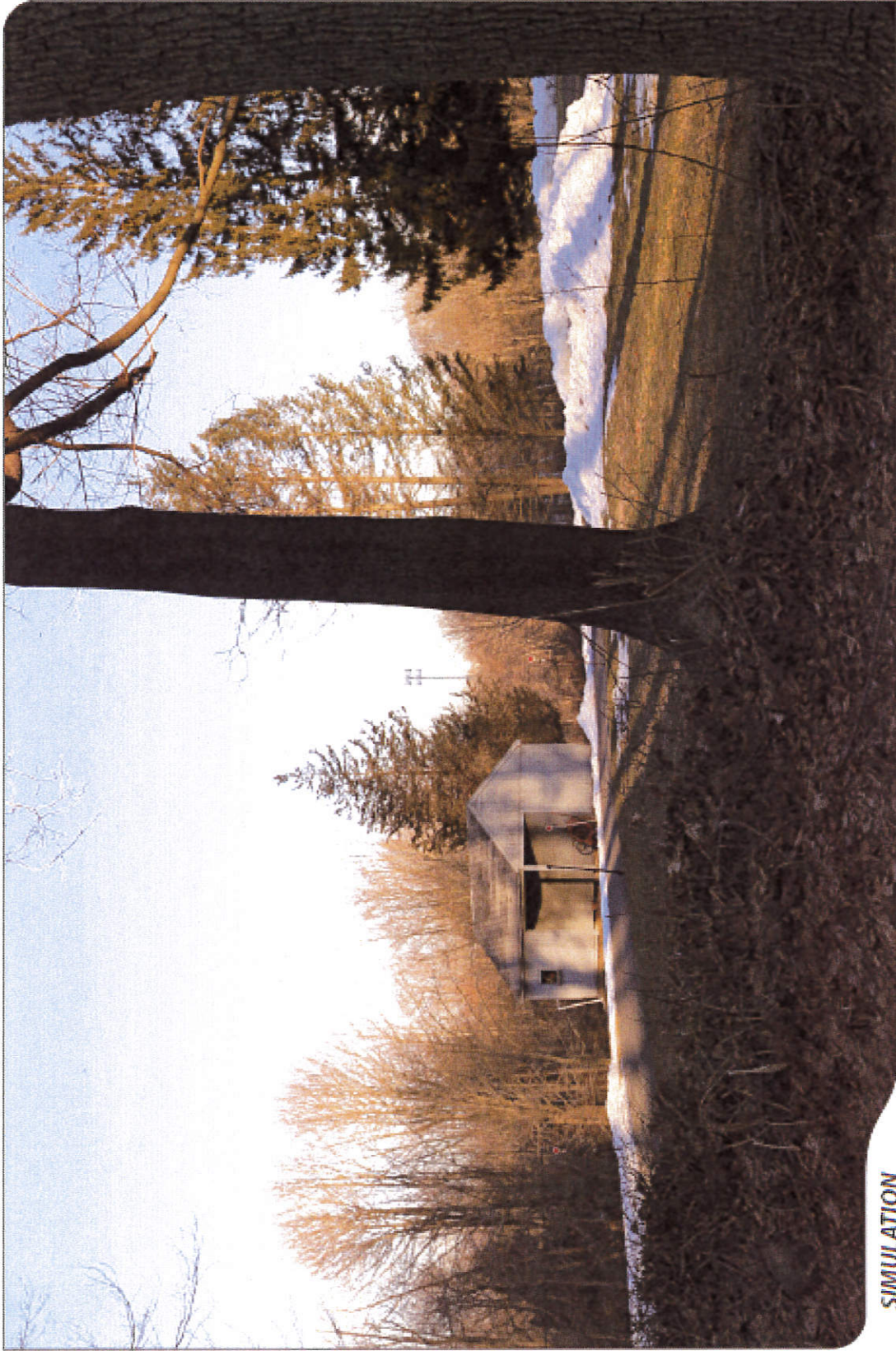
DISTANCE TO SITE

**+/- 0.32 MILE**

VISIBILITY

**YEAR ROUND**





**SIMULATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
1	MEEKER HILL ROAD	NORTHWEST	+/- 0.32 MILE	YEAR ROUND





**DOCUMENTATION**

PHOTO

2

LOCATION

REDDING RIDGE CEMETERY

ORIENTATION

NORTH

DISTANCE TO SITE

+/- 0.10 MILE

VISIBILITY

YEAR ROUND





**SIMULATION**

PHOTO

2

LOCATION

REDDING RIDGE CEMETERY

ORIENTATION

NORTH

DISTANCE TO SITE

+/- 0.10 MILE

VISIBILITY

YEAR ROUND







**DOCUMENTATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
3	BLACK ROCK TURNPIKE	NORTH	+/- 0.08 MILE	YEAR ROUND



**SIMULATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
3	BLACK ROCK TURNPIKE	NORTH	+/- 0.08 MILE	YEAR ROUND





**DOCUMENTATION**

PHOTO

4

LOCATION

SILVERSMITH LANE

ORIENTATION

EAST

DISTANCE TO SITE

+/- 0.16 MILE

VISIBILITY

SEASONAL



**SIMULATION**

PHOTO

4

LOCATION

SILVERSMITH LANE

ORIENTATION

EAST

DISTANCE TO SITE

+/- 0.16 MILE

VISIBILITY

SEASONAL





**DOCUMENTATION**

PHOTO

5

LOCATION

**BLACK ROCK TURNPIKE**

ORIENTATION

**SOUTHEAST**

DISTANCE TO SITE

**+/- 0.40 MILE**

VISIBILITY

**NOT VISIBLE**



**DOCUMENTATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
6	INTERSECTION OF BLACK ROCK TURNPIKE AND CROSS HIGHWAY	SOUTHEAST	+/- 0.34 MILE	YEAR ROUND



**SIMULATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
6	INTERSECTION OF BLACK ROCK TURNPIKE AND CROSS HIGHWAY	SOUTHEAST	+/- 0.34 MILE	YEAR ROUND



**DOCUMENTATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
7	SULLIVAN DRIVE	EAST	+/- 0.31 MILE	SEASONAL







**SIMULATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
7	SULLIVAN DRIVE	EAST	+/- 0.31 MILE	SEASONAL



**DOCUMENTATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
8	SILVERSMITH LANE AT BLACK ROCK TURNPIKE (24mm focal length)	EAST	+/- 0.04 MILE	YEAR ROUND





**SIMULATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
8	SILVERSMITH LANE AT BLACK ROCK TURNPIKE (24mm Focal Length)	EAST	+/- 0.04 MILE	YEAR ROUND



**DOCUMENTATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
9	ADJACENT TO 9 CHURCH HILL ROAD	SOUTH	+/- 0.34 MILE	NOT VISIBLE



**DOCUMENTATION**

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
10	CHURCH HILL ROAD	SOUTHEAST	+/- 0.34 MILE	NOT VISIBLE

Wetland Delineation Map



Source: 2012 CT DEEP High Resolution  
Orthoimagery (1-Foot Resolution)

Legend

- Apparatus Tower Location
- Historical Wetland
- API Delineated Wetland Boundary
- Apparatus Wetland Area
- Subject Property
- CT DEEP Parcel (updated 9/10)

Proposed MCM Redding Ridge Facility  
186 Black Rock Turnpike  
Redding, Connecticut

Sunday, April 27, 2014



# Natural Diversity Data Base Areas REDDING, CT

June 2013

-  State and Federal Listed Species and Significant Natural Communities
-  Town Boundary

NOTE: This map shows general locations of State and Federal Listed Species and Significant Natural Communities. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDDB) from a number of data sources. Exact locations of species have been buffered to produce the general locations. Exact locations of species and communities occur somewhere in the shaded areas, not necessarily in the center. A new mapping format is being employed that more accurately models important riparian and aquatic areas and eliminates the need for the upstream/downstream searches required in previous versions.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas. If the project is within a shaded area there may be a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDDB along with the required maps and information. More detailed instructions are provided with the request form on our website.

[www.ct.gov/deep/nddbrequest](http://www.ct.gov/deep/nddbrequest)

This file has PDF Layers. Look for the Layers tab on the left. Expand the layers and use the "eye" icons to change visibility.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)  
79 Elm St., Hartford CT 06106  
Phone (860) 424-3011

