

HALF SIZE PRINT  
THIS DRAWING IS SCALEABLE  
AT HALF THE NOTED SCALE

**TOWER COORDINATES**  
LATITUDE: 41° 22' 20.79"  
LONGITUDE: -70° 28' 14.61"  
ELEVATION: 19'± AMSL



*Marc R. Chretien*

1 ORTHO PHOTO / LOCUS MAP  
Z-1 SCALE: 1"=40'

- NOTES:**
- PROPERTY BOUNDARY INFORMATION IS BASED ON PLAN OF LAND SURVEYED FOR ROBERT M. FYNBO BY GLENN F. PROVOST P.L.S., DATED NOVEMBER 16, 1994
  - ABUTTERS' LOTS INFORMATION BASED ON ASSESSOR'S PARCEL DATA FROM MASS GIS & EDGARTOWN ONLINE GIS SOFTWARE.



**SITE NUMBER: MA5931**  
**SITE NAME: CHAPPY WISP**  
14 SAMPSON AVENUE  
EDGARTOWN, MA 02539  
DUKES COUNTY



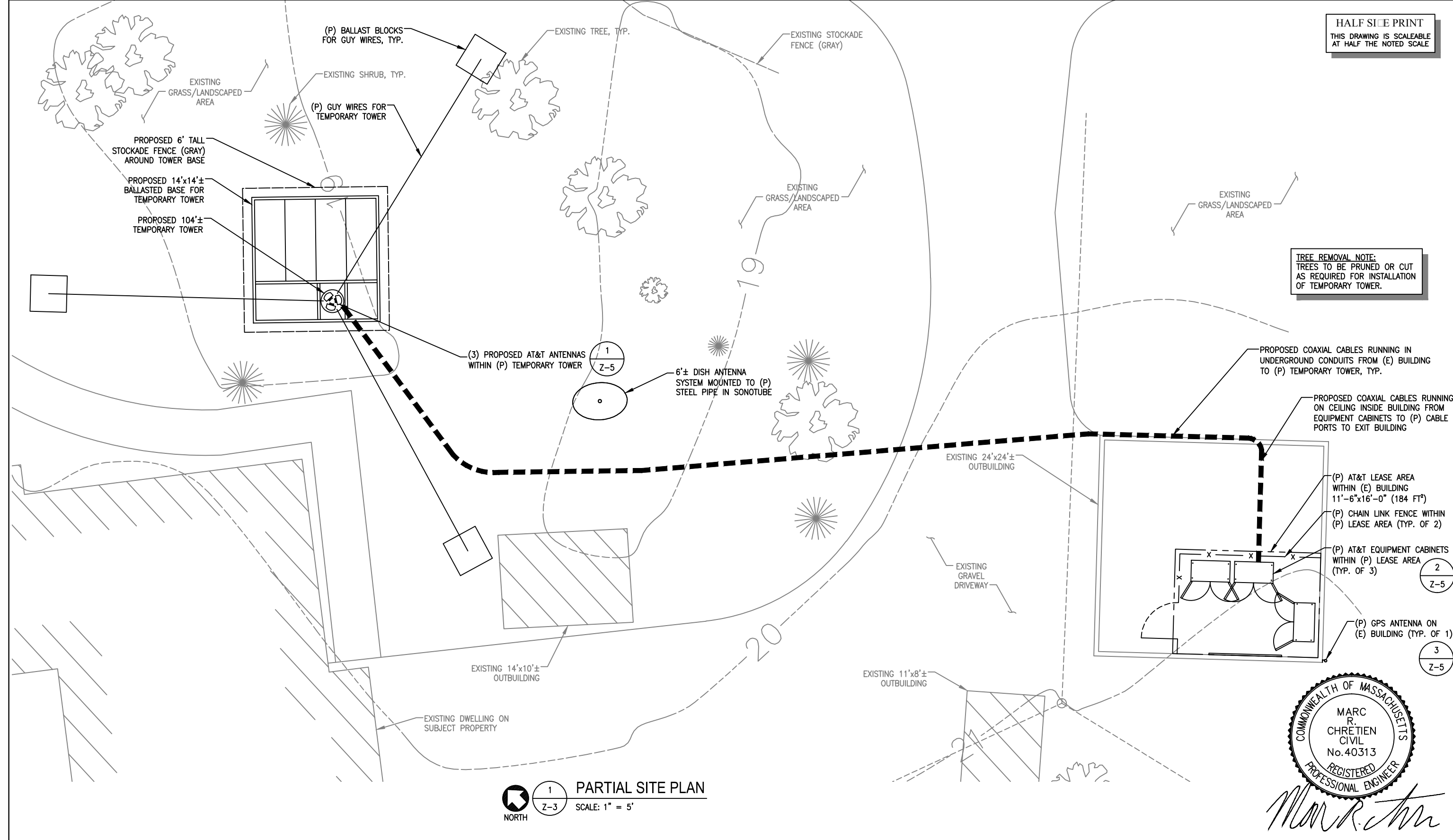
4	02/19/16	UPDATES	MR/SB	MRC	MRC
3	02/19/16	UPDATES	MR/SB	MRC	MRC
2	02/18/16	UPDATES	MR/SB	MRC	MRC
1	02/16/16	UPDATES	MR/SB	MRC	MRC
0	01/29/16	ISSUED FOR REVIEW	MER	MRC	MRC
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: MRC	DRAWN BY: MER		

AT&T		
ORTHO PHOTO LOCUS MAP		
SITE LD.	DRAWING NUMBER	REV. NUMBER
MA5931	Z-1	4



HALF SIZE PRINT  
THIS DRAWING IS SCALEABLE  
AT HALF THE NOTED SCALE

**TREE REMOVAL NOTE:**  
TREES TO BE PRUNED OR CUT  
AS REQUIRED FOR INSTALLATION  
OF TEMPORARY TOWER.



1 PARTIAL SITE PLAN  
SCALE: 1" = 5'



*Marc R. Chretien*

**EG ADVANCED**  
ENGINEERING GROUP, P.C.  
Civil Engineering - Site Development  
Surveying - Telecommunications  
500 NORTH BROADWAY  
EAST PROVIDENCE, RI 02914  
PH: 401-354-2403  
FAX: 401-333-6354

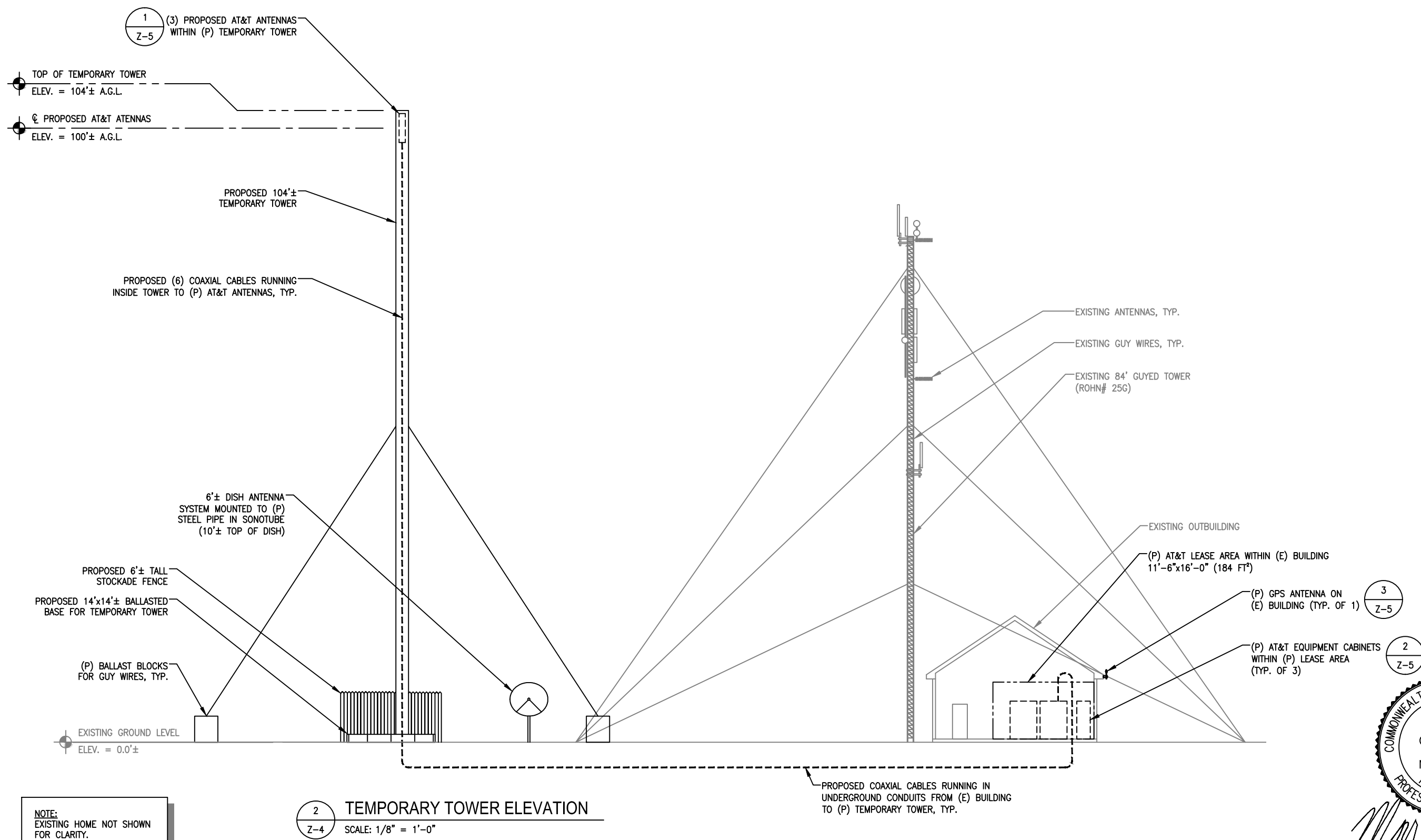
**SITE NUMBER: MA5931**  
**SITE NAME: CHAPPY WISP**  
14 SAMPSON AVENUE  
EDGARTOWN, MA 02539  
DUKES COUNTY

550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

4	02/19/16	UPDATES	MR/SB	MRC	MRC
3	02/19/16	UPDATES	MR/SB	MRC	MRC
2	02/18/16	UPDATES	MR/SB	MRC	MRC
1	02/16/16	UPDATES	MR/SB	MRC	MRC
0	01/29/16	ISSUED FOR REVIEW	MER	MRC	MRC
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: MRC	DRAWN BY: MER		

AT&T		
PARTIAL SITE PLAN		
SITE I.D.	DRAWING NUMBER	REV. NUMBER
MA5931	Z-3	4

HALF SIZE PRINT  
THIS DRAWING IS SCALEABLE  
AT HALF THE NOTED SCALE



2 TEMPORARY TOWER ELEVATION  
Z-4 SCALE: 1/8" = 1'-0"

NOTE:  
EXISTING HOME NOT SHOWN  
FOR CLARITY.



*Marc R. Chretien*



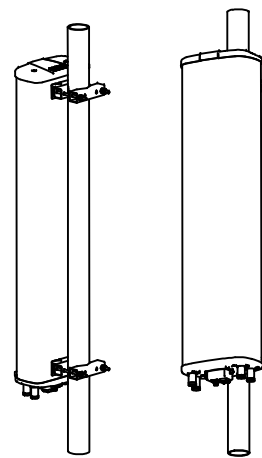
**SITE NUMBER: MA5931**  
**SITE NAME: CHAPPY WISP**  
14 SAMPSON AVENUE  
EDGARTOWN, MA 02539  
DUKES COUNTY



550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

4	02/19/16	UPDATES	MR/SB	MRC	MRC
3	02/19/16	UPDATES	MR/SB	MRC	MRC
2	02/18/16	UPDATES	MR/SB	MRC	MRC
1	02/16/16	UPDATES	MR/SB	MRC	MRC
0	01/29/16	ISSUED FOR REVIEW	MER	MRC	MRC
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: MRC	DRAWN BY: MER		

AT&T		
ELEVATION		
SITE I.D.	DRAWING NUMBER	REV. NUMBER
MA5931	Z-4	4

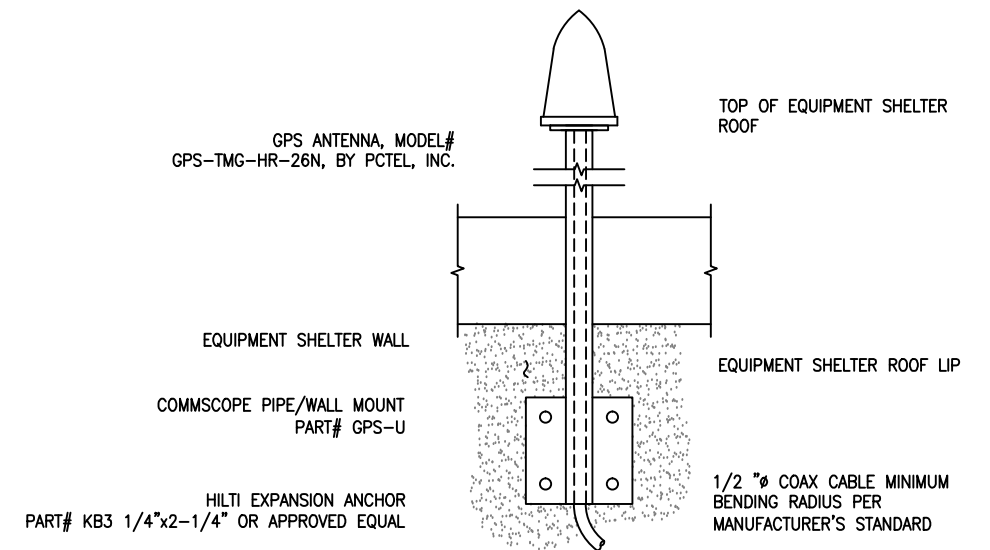


(P) ANTENNA TO PIPE MOUNT  
(PER MANUFACTURER'S REQUIREMENTS)

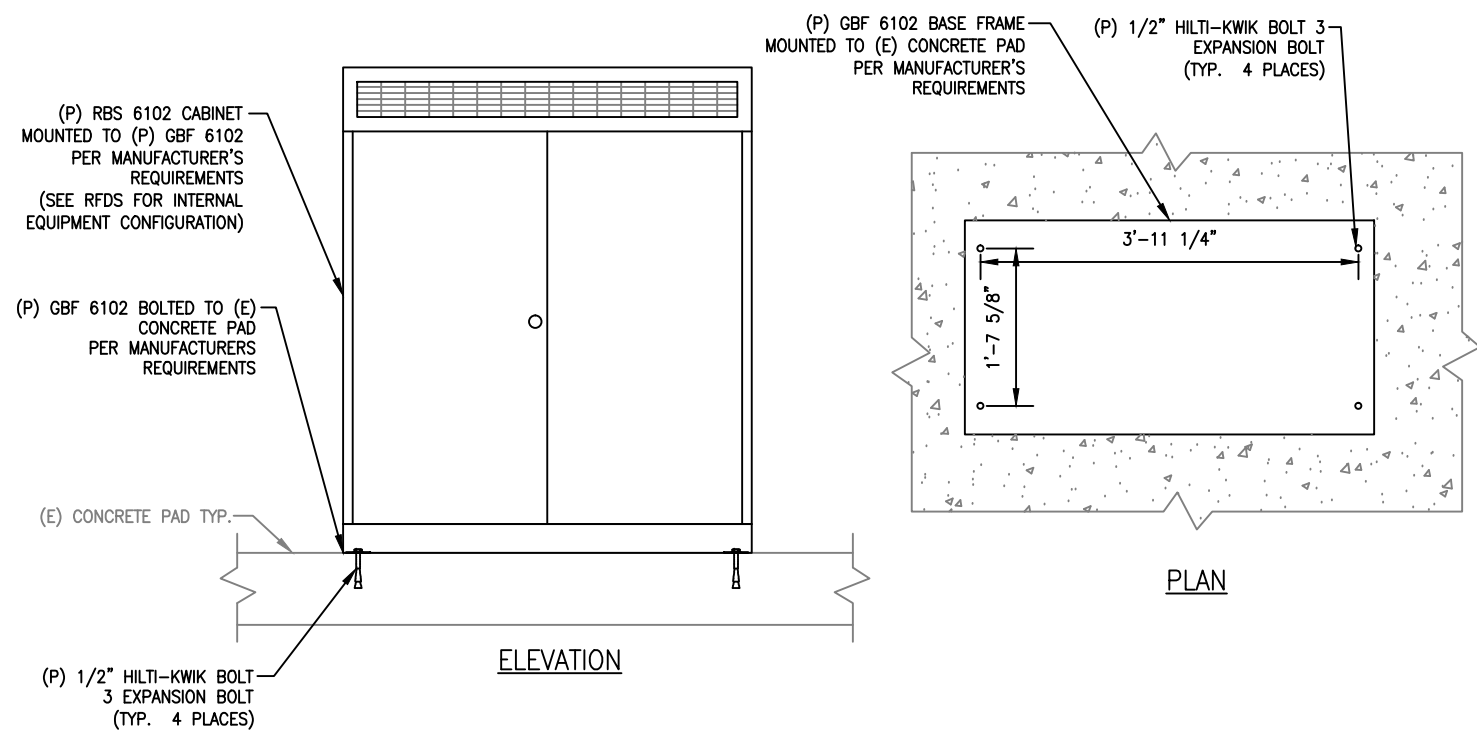
**KATHREIN 840-10520**

MANUFACTURER: KATHREIN  
DIMENSIONS (HxWxD): 23.5"x10.3"x5.9"  
WEIGHT: 15.9 LBS.

1 ANTENNA DETAIL  
Z-5 SCALE: N.T.S.



3 GPS ANTENNA DETAIL  
Z-5 SCALE: N.T.S.



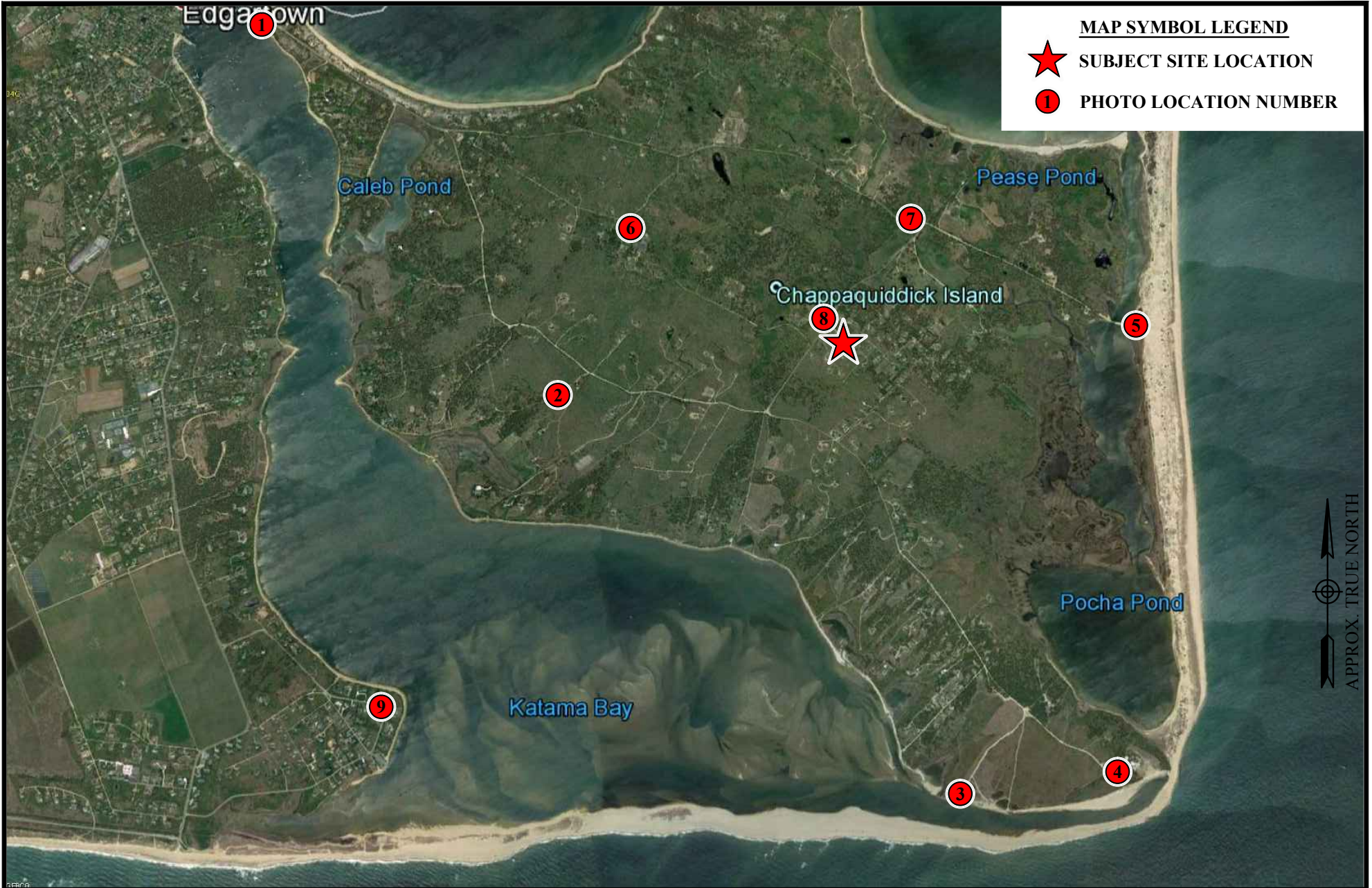
2 RBS 6102 MOUNTING DETAIL  
Z-5 SCALE: 1"=1'-0"



*Marc R. Chretien*

4	02/19/16	UPDATES	MR/SB	MRC	MRC
3	02/19/16	UPDATES	MR/SB	MRC	MRC
2	02/18/16	UPDATES	MR/SB	MRC	MRC
1	02/16/16	UPDATES	MR/SB	MRC	MRC
0	01/29/16	ISSUED FOR REVIEW	MER	MRC	MRC
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: MRC	DRAWN BY: MER		

AT&T		
DETAILS		
SITE I.D.	DRAWING NUMBER	REV. NUMBER
MA5931	Z-5	4



PREPARED FOR:



550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

PREPARED BY:



EG ADVANCED  
ENGINEERING GROUP, P.C.  
Civil Engineering - Site Development  
Surveying - Telecommunications

500 NORTH BROADWAY  
EAST PROVIDENCE, CT 02914  
PH: (401) 354-2403  
FAX: (401) 633-6354

SITE NO: MA5931  
 SITE NAME: CHAPPY WISP  
 ADDRESS: 14 SAMPSON AVENUE  
 EDGARTOWN, MA 02539

KEY MAP OF PHOTOS

PAGE: PS-1  
 DATE: 4/01/2016  
 DRAWN BY: MR  
 REVISION: 1



**PROPOSED TEMPORARY TOWER WILL NOT BE VISIBLE FROM THIS LOCATION**

PREPARED FOR:



550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

PREPARED BY:



500 NORTH BROADWAY  
EAST PROVIDENCE, CT 02914  
PH: (401) 354-2403  
FAX: (401) 633-6354

SITE NO: MA5931

SITE NAME: CHAPPY WISP

ADDRESS: 14 SAMPSON AVENUE  
EDGARTOWN, MA 02539

**VIEW #1**

EXISTING VIEW FROM THE NORTHWEST,  
ON CHAPPAQUIDDICK ROAD

PAGE: VA-2

DATE: 4/01/2016

DRAWN BY: MR

REVISION: 1





**PROPOSED TEMPORARY TOWER WILL NOT BE VISIBLE FROM THIS LOCATION**

PREPARED FOR:



550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

PREPARED BY:



Civil Engineering - Site Development  
Surveying - Telecommunications

500 NORTH BROADWAY  
EAST PROVIDENCE, 02914  
PH: (401) 354-2403  
FAX: (401) 633-6354

SITE NO: MA5931

SITE NAME: CHAPPY WISP

ADDRESS: 14 SAMPSON AVENUE  
EDGARTOWN, MA 02539

**VIEW #2**  
EXISTING VIEW FROM THE WEST,  
ON MEAD LANE

PAGE: VA-3

DATE: 4/01/2016

DRAWN BY: MR

REVISION: 1



**PROPOSED TEMPORARY TOWER WILL NOT BE VISIBLE FROM THIS LOCATION**

PREPARED FOR:



550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

PREPARED BY:



500 NORTH BROADWAY  
EAST PROVIDENCE, CT 02914  
PH: (401) 354-2403  
FAX: (401) 633-6354

SITE NO: MA5931

SITE NAME: CHAPPY WISP

ADDRESS: 14 SAMPSON AVENUE  
EDGARTOWN, MA 02539

**VIEW #3**  
EXISTING VIEW FROM THE  
SOUTH, ON TRUSTEES LANE

PAGE: VA-4

DATE: 4/01/2016

DRAWN BY: MR

REVISION: 1



**PROPOSED TEMPORARY TOWER WILL NOT BE VISIBLE FROM THIS LOCATION**

PREPARED FOR:



550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

PREPARED BY:



500 NORTH BROADWAY  
EAST PROVIDENCE, 02914  
PH: (401) 354-2403  
FAX: (401) 633-6354

SITE NO: MA5931

SITE NAME: CHAPPY WISP

ADDRESS: 14 SAMPSON AVENUE  
EDGARTOWN, MA 02539

**VIEW #4**

EXISTING VIEW FROM THE SOUTHEAST,  
ON WASQUE AVENUE

PAGE: VA-5

DATE: 4/01/2016

DRAWN BY: MR

REVISION: 1



**PROPOSED TEMPORARY TOWER WILL NOT BE VISIBLE FROM THIS LOCATION**

PREPARED FOR:



550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

PREPARED BY:



500 NORTH BROADWAY  
EAST PROVIDENCE, 02914  
PH: (401) 354-2403  
FAX: (401) 633-6354

SITE NO: MA5931

SITE NAME: CHAPPY WISP

ADDRESS: 14 SAMPSON AVENUE  
EDGARTOWN, MA 02539

**VIEW #5**  
EXISTING VIEW FROM THE EAST,  
ON DIKE ROAD

PAGE: VA-6

DATE: 4/01/2016

DRAWN BY: MR

REVISION: 1



**PROPOSED TEMPORARY TOWER WILL NOT BE VISIBLE FROM THIS LOCATION**

PREPARED FOR:



550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

PREPARED BY:



500 NORTH BROADWAY  
EAST PROVIDENCE, CT 02914  
PH: (401) 354-2403  
FAX: (401) 633-6354

SITE NO: MA5931

SITE NAME: CHAPPY WISP

ADDRESS: 14 SAMPSON AVENUE  
EDGARTOWN, MA 02539

**VIEW #6**

EXISTING VIEW FROM THE WEST,  
ON CHAPPAQUIDDICK AVENUE

PAGE: VA-7

DATE: 4/01/2016

DRAWN BY: MR

REVISION: 1

EXISTING 80'± GUYED TOWER  
(SHOWN BELOW)



PREPARED FOR:



550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

PREPARED BY:



500 NORTH BROADWAY  
EAST PROVIDENCE, CT 02914  
PH: (401) 354-2403  
FAX: (401) 633-6354

SITE NO: MA5931

SITE NAME: CHAPPY WISP

ADDRESS: 14 SAMPSON AVENUE  
EDGARTOWN, MA 02539

**VIEW #7**  
EXISTING VIEW FROM THE NORTH,  
ON CAPPAQUIDDICK ROAD

PAGE: VA-8

DATE: 4/01/2016

DRAWN BY: MR

REVISION: 1

PROPOSED 100'± TEMPORARY UNIPOLE  
(SHOWN BELOW)



PREPARED FOR:



550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

PREPARED BY:



500 NORTH BROADWAY  
EAST PROVIDENCE, 02914  
PH: (401) 354-2403  
FAX: (401) 633-6354

SITE NO: MA5931

SITE NAME: CHAPPY WISP

ADDRESS: 14 SAMPSON AVENUE  
EDGARTOWN, MA 02539

**VIEW #7**

PROPOSED VIEW FROM THE NORTH,  
ON CAPPAQUIDDICK ROAD

PAGE: VA-9

DATE: 4/01/2016

DRAWN BY: MR

REVISION: 1

EXISTING 80'± GUYED TOWER  
(SHOWN BELOW)



PREPARED FOR:



550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

PREPARED BY:



500 NORTH BROADWAY  
EAST PROVIDENCE, CT 02914  
PH: (401) 354-2403  
FAX: (401) 633-6354

SITE NO: MA5931

SITE NAME: CHAPPY WISP

ADDRESS: 14 SAMPSON AVENUE  
EDGARTOWN, MA 02539

**VIEW #8**

EXISTING VIEW FROM THE WEST, NEAR  
THE INTERSECTION OF CHAPPAQUIDDICK  
AVENUE AND SAMPSON AVENUE

PAGE: VA-10

DATE: 4/01/2016

DRAWN BY: MR

REVISION: 1



PROPOSED 100'± TEMPORARY UNIPOLE  
(SHOWN BELOW)



PREPARED FOR:



550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

PREPARED BY:



500 NORTH BROADWAY  
EAST PROVIDENCE, 02914  
PH: (401) 354-2403  
FAX: (401) 633-6354

SITE NO: MA5931

SITE NAME: CHAPPY WISP

ADDRESS: 14 SAMPSON AVENUE  
EDGARTOWN, MA 02539

**VIEW #8**

PROPOSED VIEW FROM THE WEST, NEAR  
THE INTERSECTION OF CHAPPAQUIDDICK  
AVENUE AND SAMPSON AVENUE

PAGE: VA-11

DATE: 4/01/2016

DRAWN BY: MR

REVISION: 1



**PROPOSED TEMPORARY TOWER WILL NOT BE VISIBLE FROM THIS LOCATION**

PREPARED FOR:



550 COCHITUATE ROAD, SUITE 13,  
FRAMINGHAM, MA 01701-4681

PREPARED BY:



500 NORTH BROADWAY  
EAST PROVIDENCE, 02914  
PH: (401) 354-2403  
FAX: (401) 633-6354

SITE NO: MA5931

SITE NAME: CHAPPY WISP

ADDRESS: 14 SAMPSON AVENUE  
EDGARTOWN, MA 02539

**VIEW #9**  
EXISTING VIEW FROM THE SOUTHWEST,  
ON EDGARTOWN ROAD

PAGE: VA-12

DATE: 4/01/2016

DRAWN BY: MR

REVISION: 1

# Exhibit 2: MA5931 Chappy WISP - Existing AT&T 850 MHz Coverage

## Site Data

Site: MA5931  
Lat: 41-22-20 N  
Long: 70-28-14 W  
GE: 22 Ft.  
CL: 100 Ft.

## Plot Information

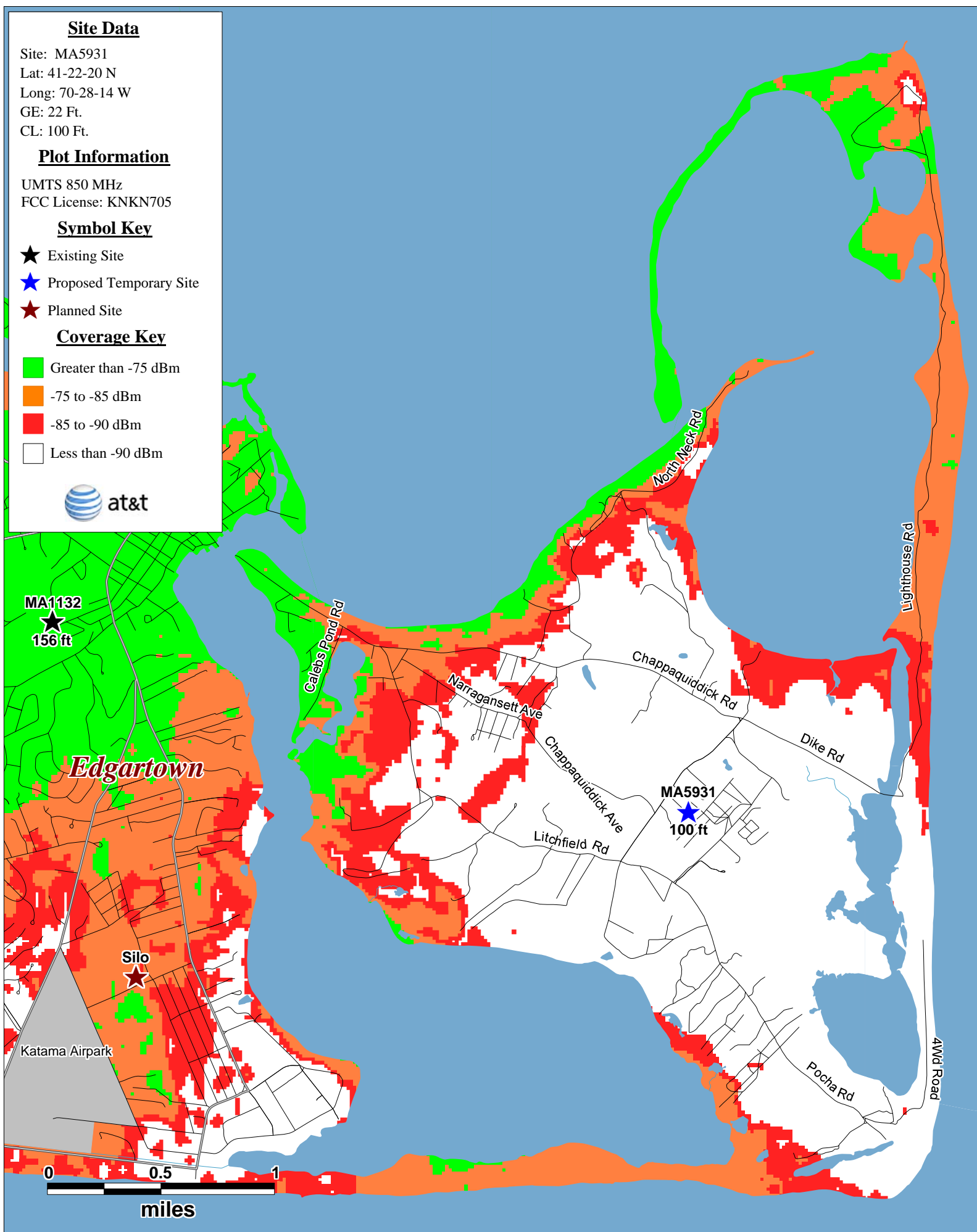
UMTS 850 MHz  
FCC License: KNKN705

## Symbol Key

- ★ Existing Site
- ★ Proposed Temporary Site
- ★ Planned Site

## Coverage Key

- Greater than -75 dBm
- 75 to -85 dBm
- 85 to -90 dBm
- Less than -90 dBm



# Exhibit 3: MA5931 Chappy WISP - AT&T 850 MHz Coverage with Proposed Temporary Site

## Site Data

Site: MA5931  
Lat: 41-22-20 N  
Long: 70-28-14 W  
GE: 22 Ft.  
CL: 100 Ft.

## Plot Information

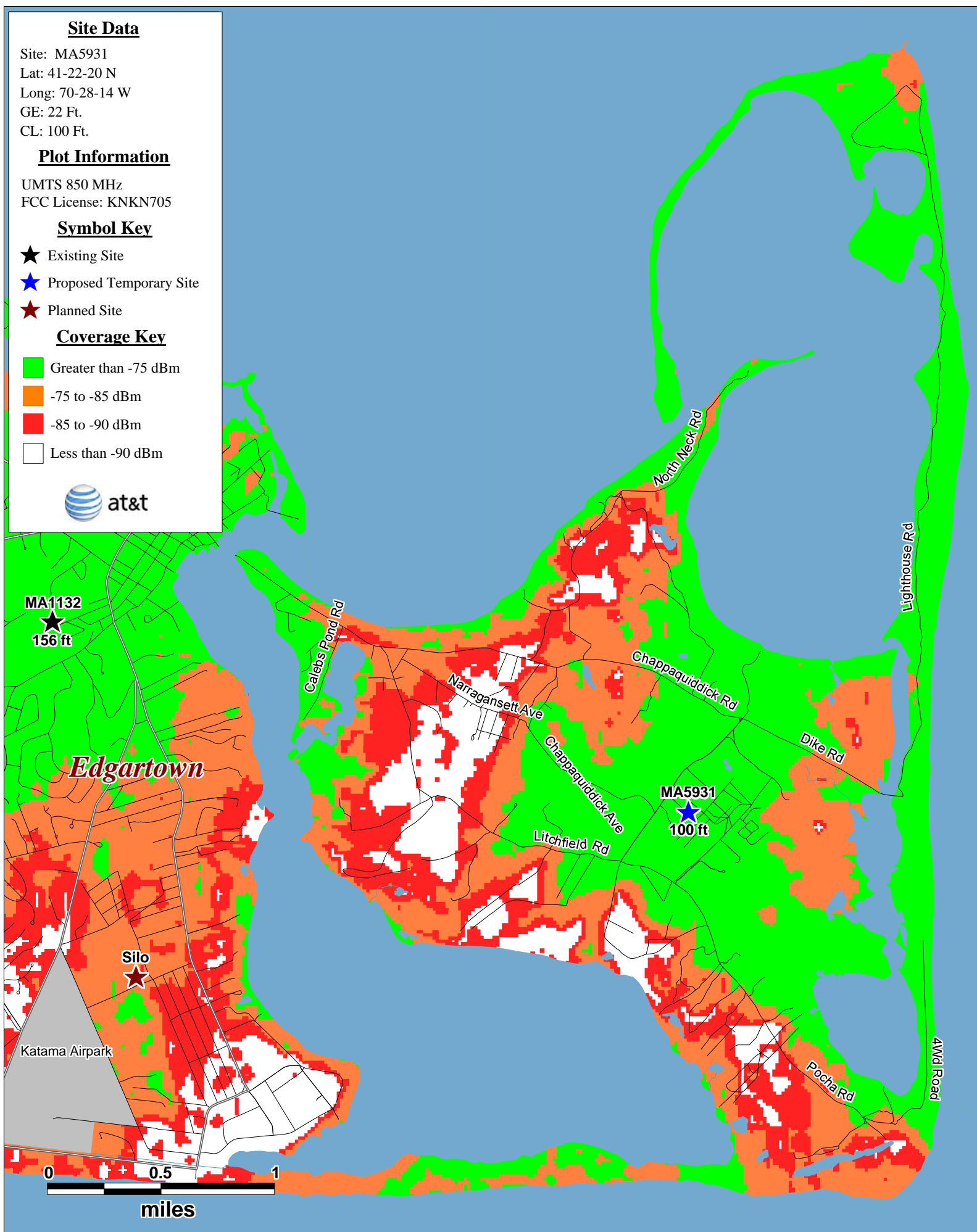
UMTS 850 MHz  
FCC License: KNKN705

## Symbol Key

- ★ Existing Site
- ★ Proposed Temporary Site
- ★ Planned Site

## Coverage Key

- Greater than -75 dBm
- 75 to -85 dBm
- 85 to -90 dBm
- Less than -90 dBm










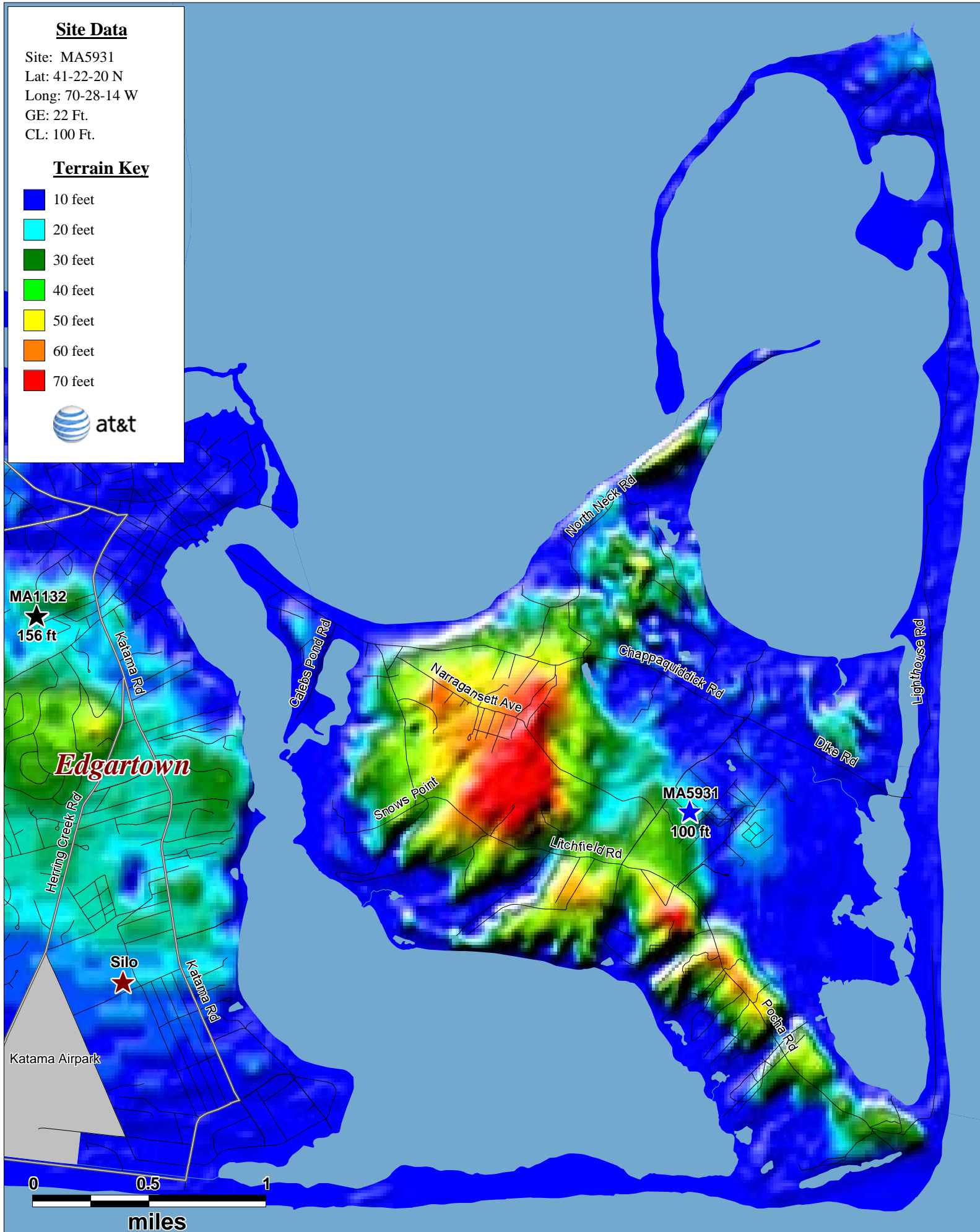
# Exhibit 4: MA5931 Chappy WISP - Area Terrain Map

## Site Data

Site: MA5931  
Lat: 41-22-20 N  
Long: 70-28-14 W  
GE: 22 Ft.  
CL: 100 Ft.

## Terrain Key

-  10 feet
-  20 feet
-  30 feet
-  40 feet
-  50 feet
-  60 feet
-  70 feet



MA1132  
★  
156 ft

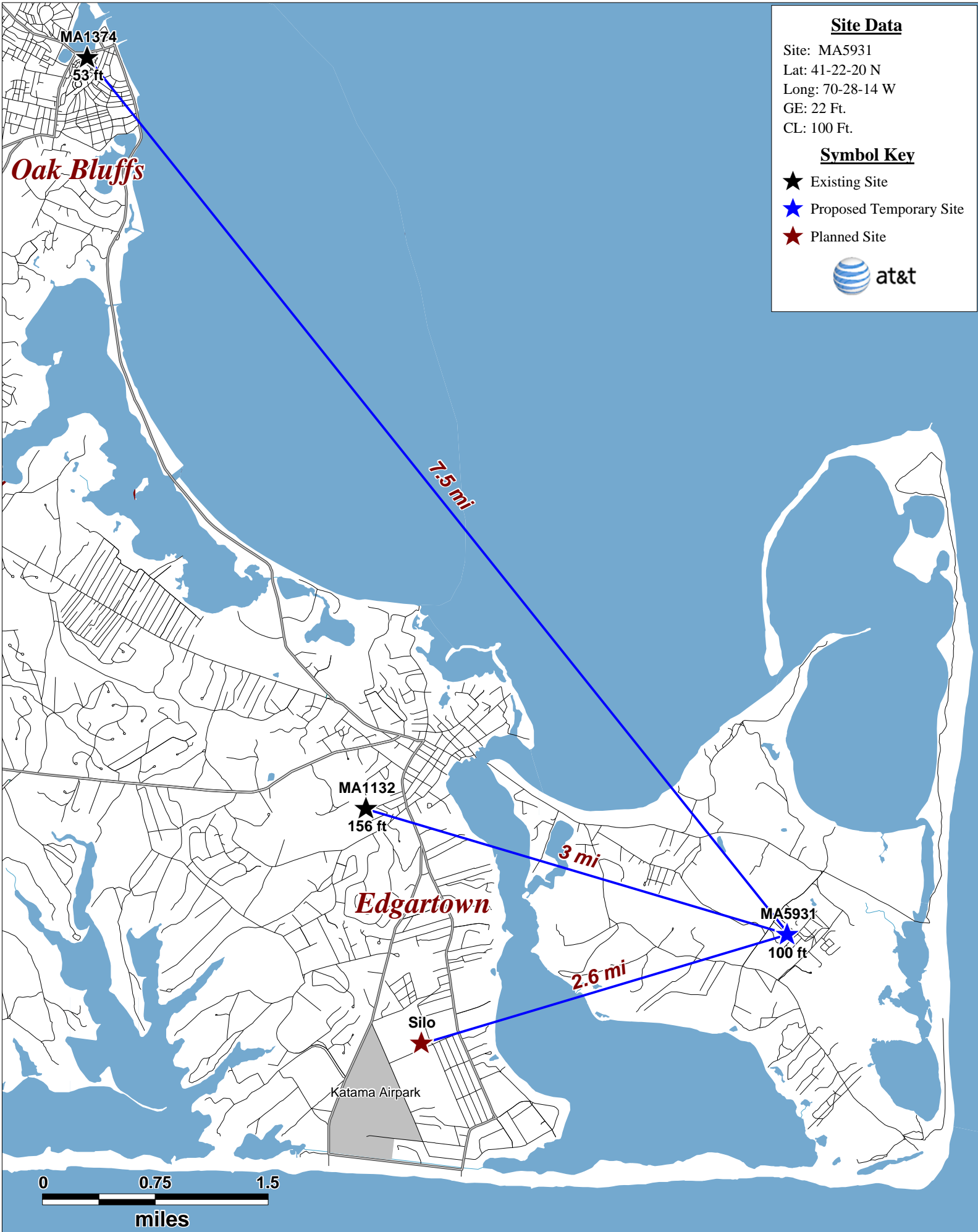
**Edgartown**

Silo  
★

MA5931  
★  
100 ft



**Exhibit 1: MA5931 Chappy WISP - Neighbor Sites**



**Site Data**

Site: MA5931  
Lat: 41-22-20 N  
Long: 70-28-14 W  
GE: 22 Ft.  
CL: 100 Ft.

**Symbol Key**

- ★ Existing Site
- ★ Proposed Temporary Site
- ★ Planned Site



Exhibit 5: MA5931 Chappy WISP: Existing 850 MHz UMTS Coverage with Phone Baseline Drive Data

**Plot Information**

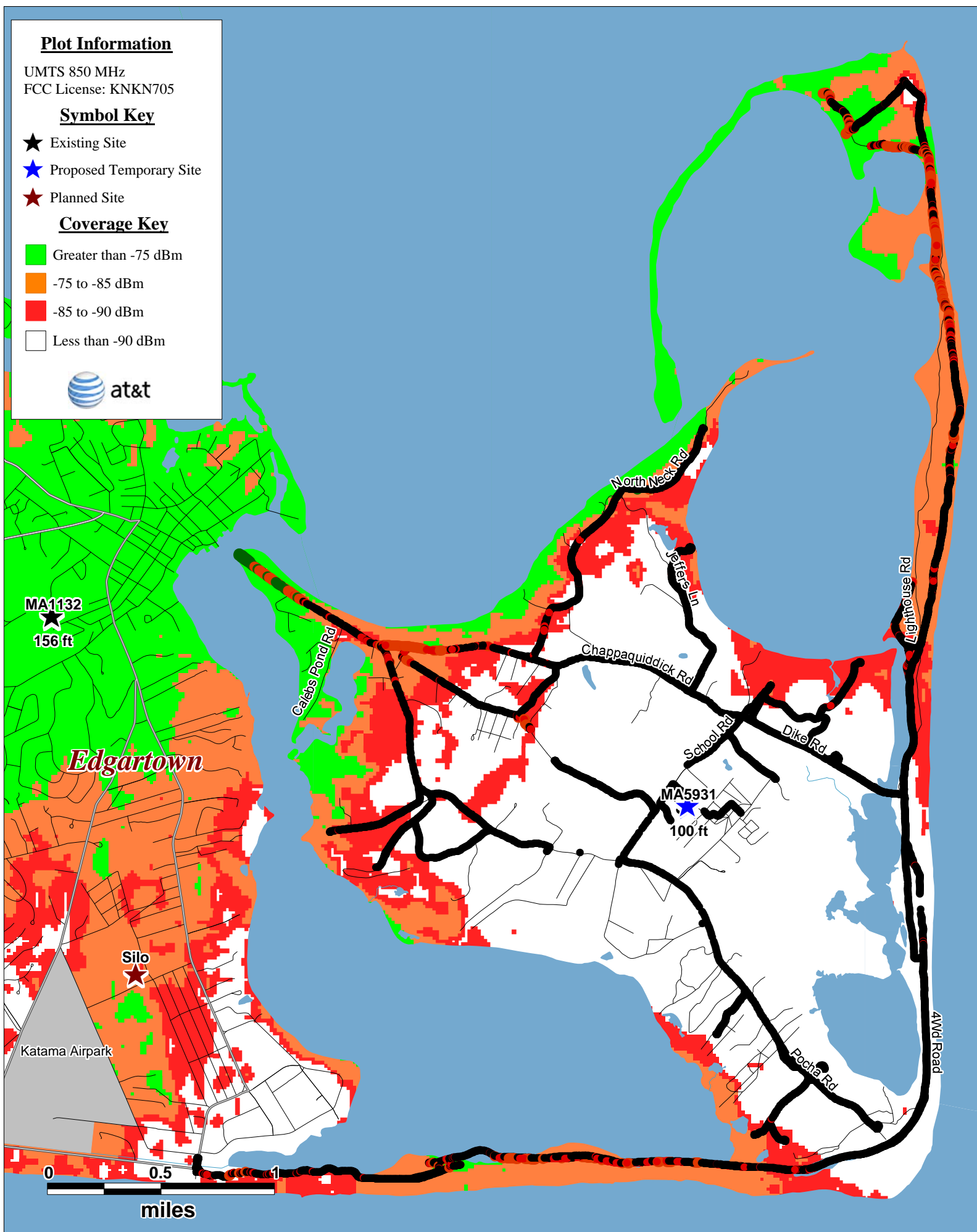
UMTS 850 MHz  
FCC License: KNKN705

**Symbol Key**

- ★ Existing Site
- ★ Proposed Temporary Site
- ★ Planned Site

**Coverage Key**

- Greater than -75 dBm
- 75 to -85 dBm
- 85 to -90 dBm
- Less than -90 dBm



# CDMI **Lite-Site 15** QUICK DEPLOY CELL SITES

- **Temporary or Permanent**
- **Modular-Standardized**
- **Quick Deployment**
- **No Ground Penetration**
- **Heights up to 115'**

### **Lite-Site 15:**

The **Lite-Site 15** is a quick deploy cell site that fits entirely in a 15' x 15' area. The **Lite-Site 15** represents a temporary site although is certified for permanent placement. This versatile site can satisfy all communication and non-communication needs in a wide range of industries.

The entire **Lite-Site 15** can be installed in one day on prepared level ground such as compacted gravel or blacktop.

In some instances, the **Lite-Site 15** can help simplify zoning and permitting and accelerate system deployment to meet your construction deadline. Fencing, ballast and shrouds are available with the **Lite-Site 15**. The standardized **Lite-Site 15** base frame and standardized Lite-Pole monopoles are normally stock items that can be quickly shipped from inventory.

WWW.CDMIWIRELESS.COM  
Creative Design and Machining  
969 Griffin Pond Road, P.O. Box 773 Clarks Summit, PA 18411  
Phone: 570.587.3077





# CDMI Lite-Site 15

QUICK DEPLOY CELL SITES

## **Lite-Site 15 Base Frame:**

The patented *Lite-Site 15 base frame* is a quickly assembled, bolt together foundation system that creates a 15' x 15' compound area. The *Lite-Site 15* base frame consists of a structural steel frame filled with ballast that supports our standard monopoles and antenna mounts. The base frame acts as the *on grade* foundation for the entire structure. The *Lite-Site 15* base frame also acts as the platform for equipment and supports security fencing. The frame consists of trays that bolt together to form the base, then filled with ballast to meet the required loading. Ballast is typically in the form of concrete block although other methods can be approved.

- **MODULAR**
- **TEMPORARY OR PERMANENT**
- **EASY ASSEMBLY**

The *Lite-Site 15 base frame* is designed and approved for temporary or permanent placement. The base plate can be configured within the end tray to maximize space for equipment. Assembly can be completed quickly with basic hand tools.



# CDMI Lite-Site 15

QUICK DEPLOY CELL SITES

### **Ballast:**

A range of material may be used for the ballast of the base frame. CDMI suggests that preform concrete blocks be used. Other methods of ballast may be used to meet the weight requirements. CDMI can supply the ballast or you can use a local concrete vendor.



### **Fencing:**

Fencing options are available with the Lite-Site 15. From traditional chain link fencing, to custom vinyl or wood, CDMI has options to ensure your site is protected.



### **Shipping**

The Lite-Site 15 can be packaged and shipped easily for those challenging site locations. The modular design is ideally suited for transport by tractor trailer.



[WWW.CDMIWIRELESS.COM](http://WWW.CDMIWIRELESS.COM)

Creative Design and Machining

969 Griffin Pond Road, P.O. Box 773 Clarks Summit, PA 18411

Phone: 570.587.3077

# Lite-Pole 2460

## STANDARDIZED MONOPOLES



- ▶ *Simplifies zoning and permitting*
- ▶ *Accelerates system deployment*
- ▶ *Designed to meet construction deadlines*

**Lite-Pole is:**

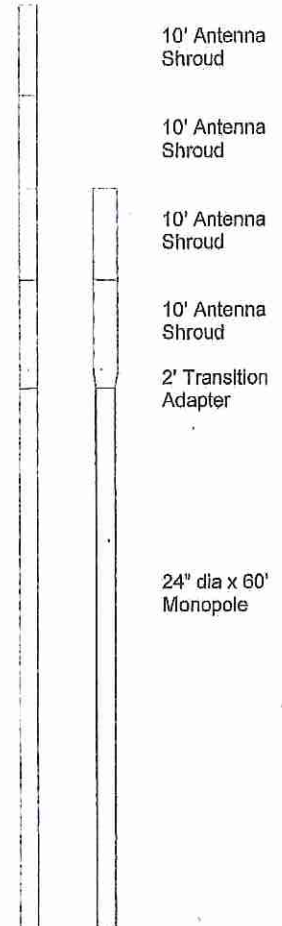
- **Pre-Engineered**
- **Standardized**
- **Made of Modular Parts**

**Lite-Pole can be installed:**

- **In One Day**
- **On the Lite-Site Base Frame**
- **As a Temporary or Permanent Cell Site**

The **Lite-Pole 2460** is an aesthetically pleasing affordable stealth cell site. Antennas are concealed within shrouds and mounted on top of an easy access transition adapter. The adapter can be quickly built to accommodate any manufacturers shroud bolt pattern. The shrouds can hold panel or microwave antennas. The Lite-Pole has been engineered to allow co-location. The diameter and quantity of shrouds can be determined by your site requirements.

The 24" diameter by 60'-0" long two piece Lite-Pole from CDMI is designed to mount on the Lite-Site 15 ballasted base frame. The Lite-Site and Lite-Pole are pre-engineered so that it is easy to determine if it will work for your loading requirements.



Base Frame	POLE	TRANSITION	SHROUD	Overall Height	Rev. F mph	Rev. F tip defl.	Rev. G mph	Rev. G tip defl.
2'-0"	24" dia x 60'-0"	2'-0"	24" dia. x 40'-0"	104'-0"	70	0.64	100	0.61
2'-0"	24" dia x 60'-0"	2'-0"	30" dia. x 20'-0"	84'-0"	90	0.25	120	0.22

The above are approximate wind speeds based on typical shroud structures. The wind speeds and deflections are based on the loading requirements of EIA/TIA-222-F and EIA/TIA-222-G. Appropriate safety factors have been applied based on code requirements for use with the Lite-Site 15 Ballasted Base Frame. The above chart is to be used only as a quick reference guide. It is recommended that all loading be approved by a certified PE.

969 Griffin Pond Road • P.O. Box 773 • Clarks Summit, PA 18411  
 Phone (570) 587-3077 • Fax (570) 587-3075



