

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF HOMELAND TOWERS, LLC
AND NEW CINGULAR WIRELESS PCS, LLC d/b/a
AT&T FOR A CERTIFICATE OF
ENVIRONMENTAL COMPATIBILITY AND
PUBLIC NEED FOR THE CONSTRUCTION,
MAINTENANCE, AND OPERATION OF A
TELECOMMUNICATIONS FACILITY AT
1837 PONUS RIDGE ROAD, TOWN OF
NEW CANAAN, CONNECTICUT

DOCKET NO. 509

July 7, 2022

HOMELAND TOWERS, LLC and NEW CINGULAR WIRELESS PCS, LLC (AT&T)
SUPPLEMENTAL SUBMISSION IN RESPONSE TO
CONNECTICUT SITING COUNCIL 6/28/22 HEARING REQUESTS

- Q1. Referring to the Revised Site Plans, provide the distance from the nearest point of the limit of disturbance to the on-site wetland;
- A1. *The Revised Site Plans depict an approximately 105' separation between the nearest point of the limit of disturbance to the on-site wetland.*
- Q2. Referring to the Revised Site Plans, provide the basis for the stormwater design (ex. 10-year storm);
- A2. *The stormwater design calculations and standards were based on a 10-year, 24-hour rain event.*
- Q3. Determine whether natural gas is available along Ponus Ridge Road, and if so, whether it could be provided to the proposed site;
- A3. *Natural gas is not available along Ponus Ridge Road.*
- Q4. Provide a photo log for the field reconnaissance photos attached to Applicants' Response to NCN Interrogatory No. 15;
- A4. *The photo log for the field reconnaissance photos attached to Applicants' Response to NCN Interrogatory No. 15 is included in Attachment 1.*
- Q5. Provide a photograph of the monopine tower located at Soundview Drive approved by the Council in Docket No. 487;
- A5. *Included in Attachment 2 are two photos of the monopine tower located on Soundview Drive approved by the Council in Docket No. 487.*
- Q6. Explain the difference in State property data layers used for the Visibility Analysis Mapping and Avian Resource Mapping;

- A6. *The State property GIS data layer depicted in the Viewshed Mapping and Avian Resource Mapping are the same. The various GIS data layers that are incorporated into these maps reside in a shared network drive. As these layers are added to a particular project or map, the data is accessed via a network link so that it may be shared among different projects/maps and users simultaneously. These links are sometimes “broken” as a result of deleting, renaming, moving, or otherwise modifying a particular data layer. Other network issues may also cause links to become broken. A broken link is displayed as a grayed-out item in the GIS project’s table of contents area (where the various layers included in the project/map are depicted). In this case, the State Property data layer link was broken while the Viewshed Mapping was being compiled and was inadvertently missed.*
- Q7. *Address the comments and recommendations of the Department of Public Health and Council on Environmental Quality correspondence dated June 1 and June 27, respectively;*
- A7. *Please see Applicants’ Exhibit 7: Supplemental Submission dated June 21, 2022 for responses to the Department of Public Health (“DPH”) June 1st comments. For DPH comment #11, regarding project updates for Aquarion, Aquarion can monitor the CSC website for updates as the Applicants are required to notify the CSC of the various stages of the project. With respect to DPH comment #12, regarding Aquarion’s periodic inspection, Homeland confirmed that Aquarion personnel can access the Site for one site visit during construction and one site visit when the project is complete. This access is strictly limited to Aquarion personnel only.*

Responses to the CEQ June 27, 2022 comments are included below:

Visibility

The Proposed Facility is designed as a monopine tower in a location with interspersed stands of conifers. The Proposed Facility is also designed at a relatively low height, which is the minimum height required for service. As stated in Application Attachment 8 – Visibility Analysis, the predicted visibility is approximately 3.5% of the 2-mile radius study area.

Water Quality

See responses to the 6/1/22 DPH comments included in Applicants’ Exhibit 7: Supplemental Submission dated June 21, 2022.

Wildlife

As indicated in the Application and responses to interrogatories, the Applicant will implement the mitigation measures identified by the NDDB in their January 7, 2022 letter, as detailed in the Environmental Notes – Resources Protection Measures provided on Sheet No. N-1 of the Site Plans. In particular, tree clearing is restricted to occur only between November 1st through March 30th, during the rare bat’s non-roosting period, when bats would not be present on the site. Also, rare turtle protection measures would be implemented during construction to avoid any incidental injury to turtles.

Access Drive

The Applicant is currently assessing other opportunities to minimize the amount of earthwork associated with the proposed facility (less tree removal, more

balance with respect to cut and fill; less excavation for the foundation), including alternate locations and compound orientation as requested through the evidentiary session with the Siting Council on June 28, 2022. The entire site consists of edge forest habitat due to adjacent residential development and Ponus Ridge Road, resulting in edge effects to the small forest patch. To address possible colonization by invasive plant species during construction, an invasive species control plan has been added to the Environmental Notes – Resources Protection Measures provided on Sheet No. N-1 of the updated Site Plans.

Stormwater

As noted throughout the Application, stormwater measures will be designed in compliance with 2002 Connecticut Guidelines for Soil Erosion and Sediment Control.

- Q8. Analyze the feasibility of developing an alternate site along the southwest side of the hill on the host property, and if an alternate site is feasible, submit a preliminary site plan of the alternate location;
- A8. *The Applicants reviewed an alternate location at the Site on the southwest side of the hill and determined that this location is not a feasible alternative for several reasons. Due to the elevation at this location, an approximately 33' increase in height will be required to achieve the height required for providing adequate service. This location would also be closer to Ponus Ridge Road, approximately 70' from the road. The combination of the additional required height and proximity to the road would make a facility at this location much more visible from Ponus Ridge Road. In addition, the entire facility would be constructed on an existing steep slope which would require a retaining wall over 100' in length and approximately 10' in height. This retaining wall would be very difficult to construct and result in a great deal of disturbance on the hillside. Overall, this location would likely result in greater impacts than the Proposed Facility location and the alternative location discussed in Response 9 below.*
- Q9. Analyze the feasibility of rotating the proposed site compound 90 degrees to be aligned in a northeast to southwest direction; and
- A9. *The Applicants reviewed the alternative location at the Site consisting of a rotation of the compound 90 degrees along with a shift of the proposed Facility (proposed monopine and compound) to the northwest to gain additional distance from the property line with 359 Dan's Highway (Buschmann) – approximately 43'. With this shift, six (6) exiting trees previously shown as being removed can remain and now offer additional buffer/screening between the Proposed Facility and the property line to the east. Drawings depicting this alternative location, which is designated Alternative Site #1, are included in Attachment 3. Given that the elevation of this alternative location is similar to the elevation of the current location, the Proposed Facility height will not change.*

Please note that this alternative location will require review and approval from the Site owner.

The table below includes a comparison of some details between the current location and Alternative Site #1.

| | <i>Current Location</i> | <i>Alternate Site #1</i> |
|---|-------------------------|--------------------------|
| <i>Limits of Disturbance</i> | <i>37,000 sf</i> | <i>37,000 sf</i> |
| <i>Trees removed</i> | <i>94</i> | <i>93</i> |
| <i>Elevation at Tower</i> | <i>399.5'</i> | <i>396.5'</i> |
| <i>Distance from Tower to W property line</i> | <i>357'</i> | <i>315'</i> |
| <i>Distance from Tower to N property line</i> | <i>144'</i> | <i>134'</i> |
| <i>Distance from Tower to NE property line</i> | <i>130'</i> | <i>167'</i> |
| <i>Distance from Tower to E property line</i> <i>(359 Dan's Highway)</i> | <i>110'</i> | <i>153'</i> |
| <i>Distance from Tower to SW property line</i> | <i>248'</i> | <i>226'</i> |

Q10. Provide coverage plots for the three sites identified in Buschmann pre-filed testimony, 360°RF Report, Section IV. Coverage – Alternative Sites.

A10. *Included in Attachment 4 are RF maps for 982 Oenoke Road, 40 Dans Highway and 40 River Wind Road. As shown in the attached maps, none of these locations provide service north of the proposed site on Ponus Ridge Road. The terrain blocks any signal from reaching the area targeting for service from these three locations. This blockage is depicted in the terrain profiles also included in Attachment 4. In the terrain profiles, the gray areas represent topography and the green areas represent tree/vegetative cover. The terrain profiles show that the line-of-sight for each of these alternatives is blocked by topography and trees.*

CERTIFICATE OF SERVICE

I hereby certify that on this day the foregoing was sent electronically and one (1) original and fifteen (15) hard copies were sent overnight mail to the Connecticut Siting Council and sent electronically to the parties on the service list as noted below.

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New Canaan, CT 06840
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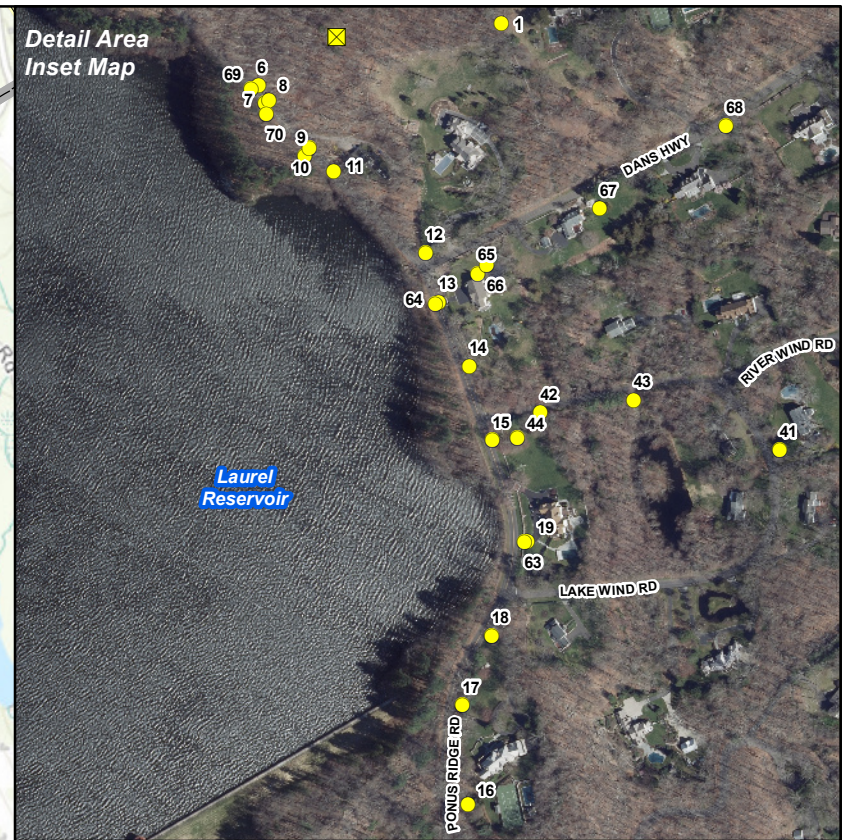
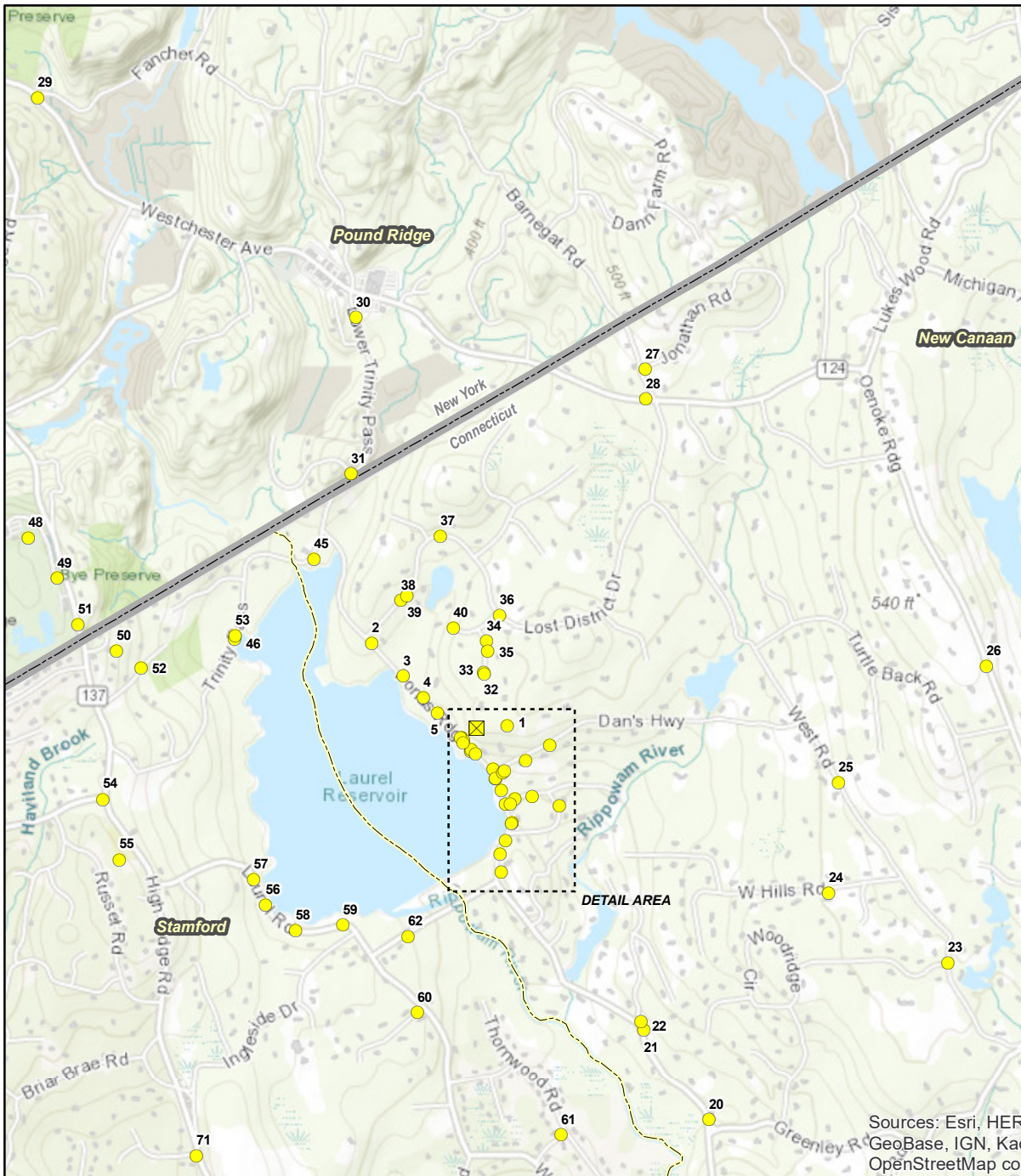
Dated: July 7, 2022



Lucia Chiocchio, Esq.
Kristen Motel, Esq.
Cuddy & Feder LLP
445 Hamilton Ave, 14th Floor
White Plains, NY 10601
(914)-761-1300

cc: Homeland
 AT&T
 APT
 Smartlink
 C Squared

ATTACHMENT 1



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Photolog **Applicants' Response to NCN Interrogatory No.15**

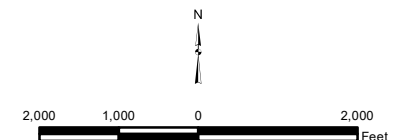
Proposed WirelessTelecommunications Facility
 CT050 - New Canaan Northwest
 1837 Ponus Ridge Road
 New Canaan, Connecticut

Legend

- Proposed Site
- Photographic Location
- Inset Map Index (Main Map)
- Municipal Boundary (Main Map)
- State Boundary (Main Map)

Map Notes:

Base Map Source: ESRI World Topographic Map
 Inset Base Map Source: 2019 Aerial Photograph (CTECO)
 Map Date: July 2022









































































































































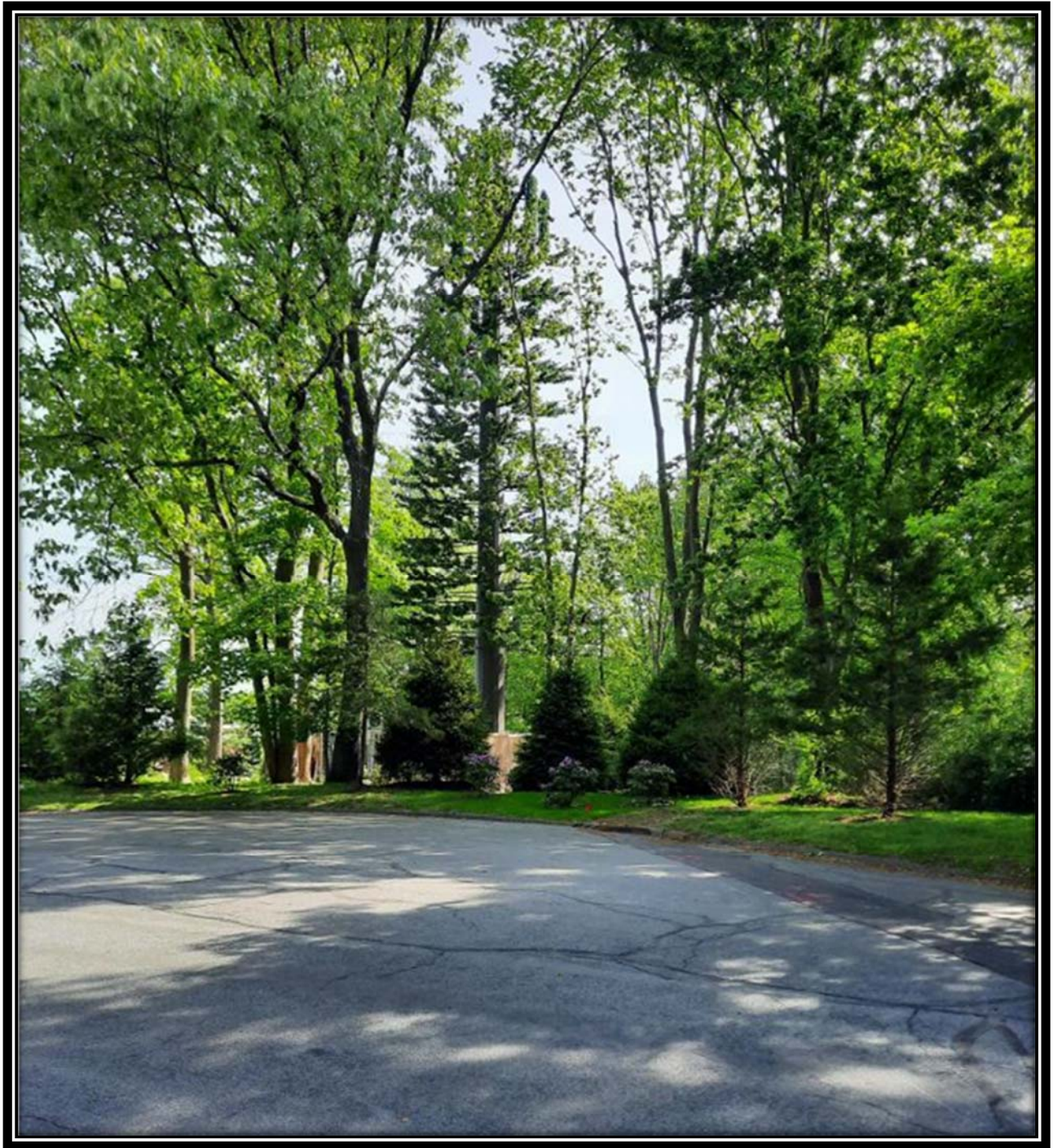








ATTACHMENT 2



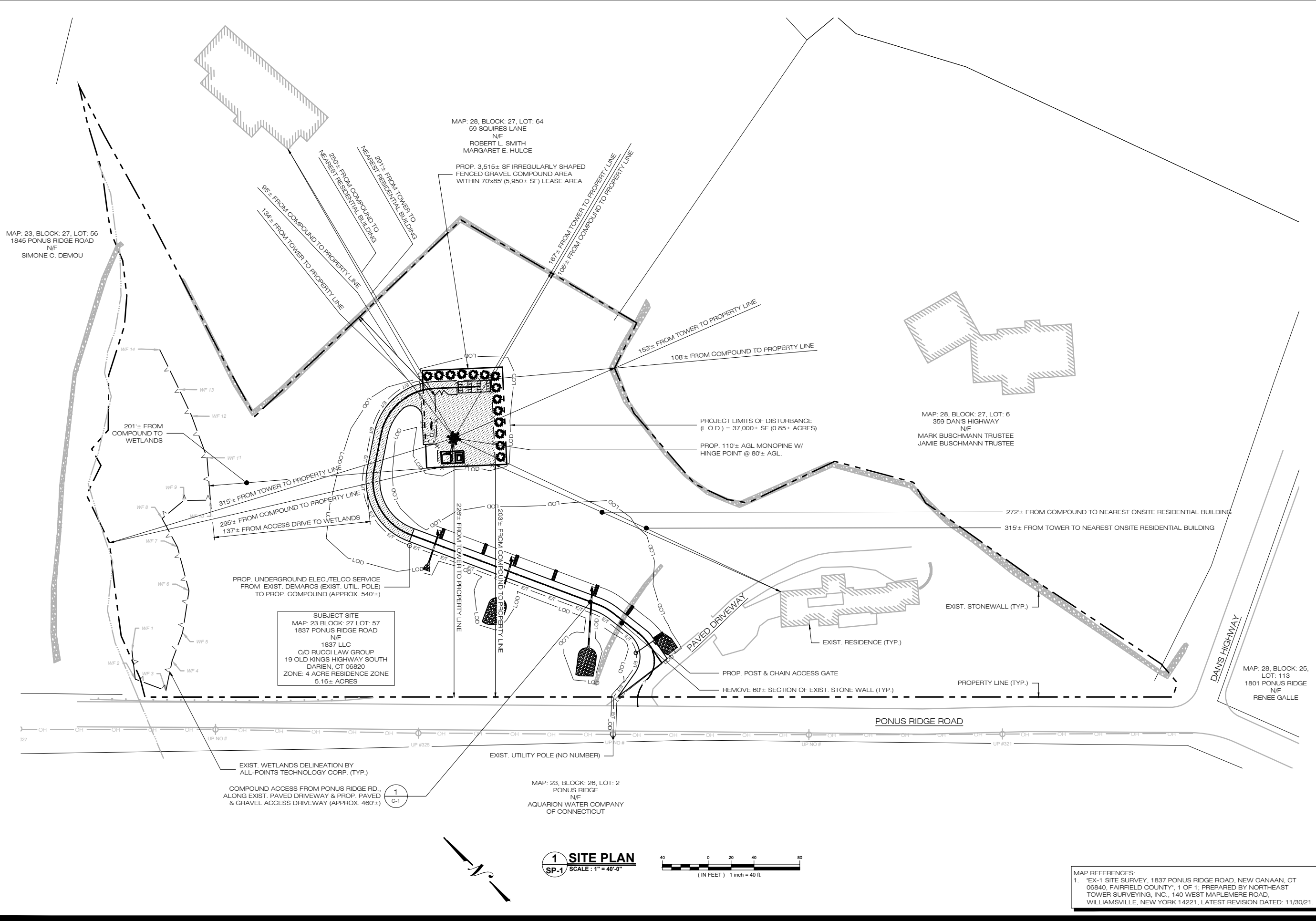
Homeland Towers, 90' faux monopine cell tower located at 183 Soundview Lane, New Canaan, CT

AT&T antennas concealed within branches have camouflage wraps/socks on them, ground equipment behind 8' high, solid stockade fence and screened with 12' hemlock and spruce trees.

Site was constructed 12/30/21



ATTACHMENT 3



H
HOMELAND TOWERS, LLC
9 HARMONY STREET
2nd FLOOR
DANBURY, CT 06810
(203) 297-6345

at&t
340 MOUNT KEMBLE AVENUE
MORRISTOWN, NEW JERSEY 07960

ALL-POINTS
TECHNOLOGY CORPORATION
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385
PH: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

| PERMITTING DOCUMENTS | | |
|----------------------|----------|------------------------|
| NO | DATE | REVISION |
| 0 | 12/07/21 | FOR REVIEW: RCB |
| 1 | 12/10/21 | FOR REVIEW: RCB |
| 2 | 03/29/22 | FOR REVIEW: RCB |
| 3 | 04/04/22 | CLIENT REVISIONS: RCB |
| 4 | 06/23/22 | CLIENT REVISIONS: RCB |
| 5 | 07/07/22 | ALT COMPOUND LOC.: RCB |
| 6 | | |
| 7 | | |
| 8 | | |

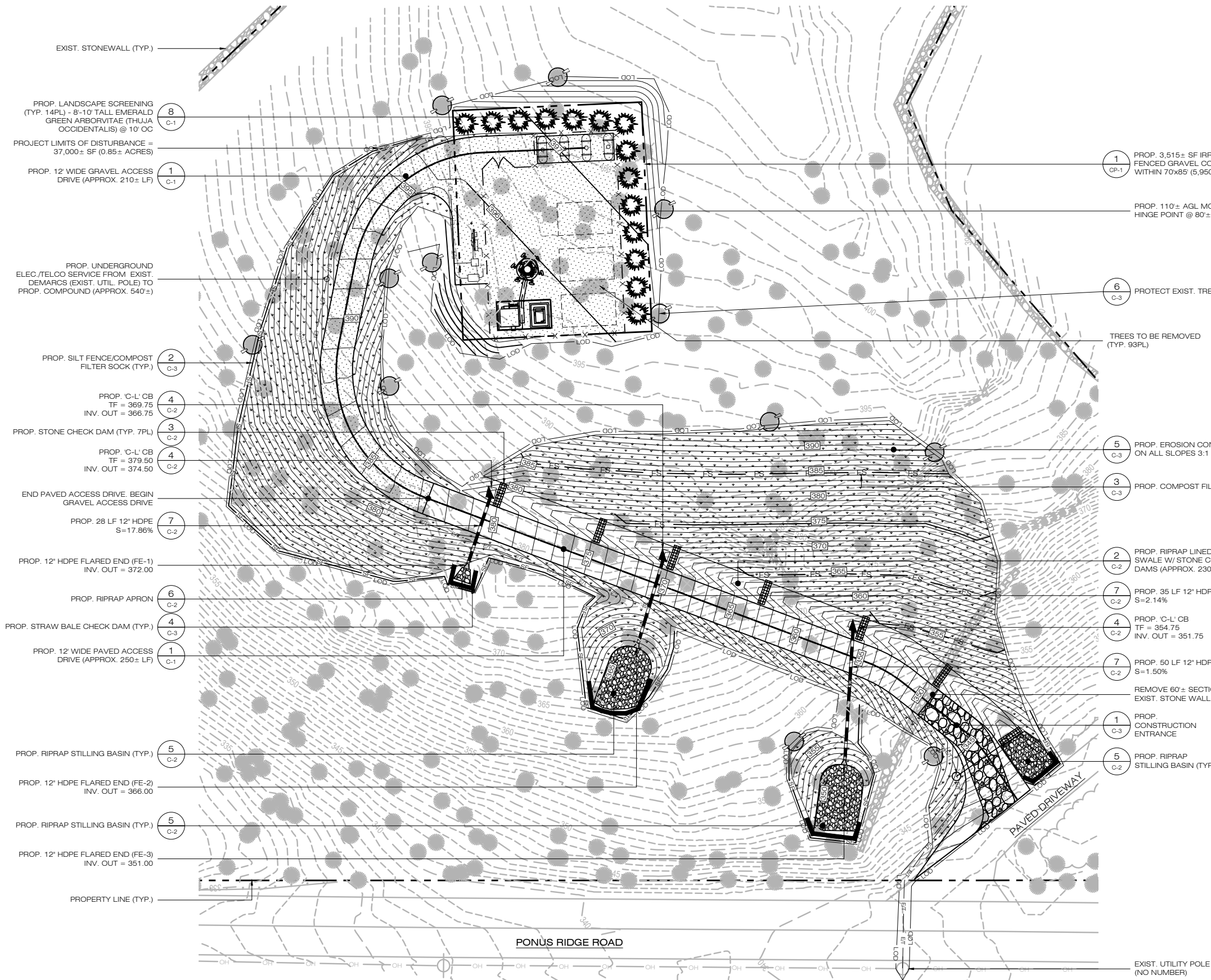
DESIGN PROFESSIONALS OF RECORD
PROF: ROBERT C. BURNS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06385
DEVELOPER: HOMELAND TOWERS, LLC
ADDRESS: 9 HARMONY STREET DANBURY, CT 06810

**HOMELAND TOWERS
NEW CANAAN NORTHWEST**
SITE 1837 PONUS RIDGE ROAD
ADDRESS: NEW CANAAN, CT 06840
APT FILING NUMBER: CT283860
DATE: 12/07/21 DRAWN BY: CSH
CHECKED BY: RCB

SHEET TITLE:
SITE PLAN &
ABUTTERS MAP

SHEET NUMBER:
SP-1

MAP REFERENCES:
1. "EX-1 SITE SURVEY, 1837 PONUS RIDGE ROAD, NEW CANAAN, CT 06840, FAIRFIELD COUNTY", 1 OF 1; PREPARED BY NORTHEAST TOWER SURVEYING, INC., 140 WEST MAPLEMEER ROAD, WILLIAMSVILLE, NEW YORK 14221, LATEST REVISION DATED: 11/30/21.



LEGEND

| | |
|-----|--------------------------------|
| --- | PROPERTY LINE |
| --- | EXIST. WETLAND |
| --- | 100' WETLAND SETBACK |
| --- | LOD |
| --- | LIMIT OF DISTURBANCE |
| --- | PROP. CHAIN LINK FENCE |
| --- | PROP. ELEC./TELCO LINE |
| --- | PROP. FILTER SOCK |
| --- | PROP. FILTER SOCK |
| --- | PROP. HAYBALE CHECK DAM |
| --- | EXIST. TREE TO REMAIN |
| --- | EXIST. TREE TO BE REMOVED |
| --- | EXIST. TREE TO BE PROTECTED |
| --- | EROSION CONTROL BLANKET |
| --- | PROP. EMERALD GREEN ARBORVITAE |
| --- | STONE CHECK DAM |

1 CP-1 PROP. 3,515± SF IRREGULARLY SHAPED FENCED GRAVEL COMPOUND AREA WITHIN 70'x85' (5,950± SF) LEASE AREA

PROP. 110'± AGL MONOPINE W/ HINGE POINT @ 80'± AGL.

6 C-3 PROTECT EXIST. TREE (TYP. 12PL)

TREES TO BE REMOVED (TYP. 93PL)

5 C-3 PROP. EROSION CONTROL BLANKET ON ALL SLOPES 3:1 & GREATER (TYP.)

3 C-3 PROP. COMPOST FILTER SOCK (TYP.)

2 C-2 PROP. RIPRAP LINED SWALE W/ STONE CHECK DAMS (APPROX. 230±)

7 C-2 PROP. 35 LF 12" HDPE S=2.14%

4 C-2 PROP. 'C-L' CB TF = 354.75 INV. OUT = 351.75

7 C-2 PROP. 50 LF 12" HDPE S=1.50%

REMOVE 60± SECTION OF EXIST. STONE WALL (TYP.)

1 C-3 PROP. CONSTRUCTION ENTRANCE

5 C-2 PROP. RIPRAP STILLING BASIN (TYP.)

NOTE:
93 TREES WILL NEED TO BE REMOVED IN CONSTRUCTION OF THE FACILITY.

6"-10" DIA. 34 TREES
10"-14" DIA. 23 TREES
>14" DIA. 36 TREES
93 TREES

SITE AREAS & VOLUMES OF EARTHWORK

SITEWORK ENTAILS APPROXIMATELY 3,550 CUBIC YARDS OF EXCAVATION AND 1,500 CUBIC YARDS OF FILL. THE COMPOUND & ACCESS DRIVEWAY WILL IMPORT APPROXIMATELY 250 CUBIC YARDS OF CLEAN BROKEN STONE. THE UTILITY TRENCH FROM THE DEMARC TO THE COMPOUND WILL EXCAVATE APPROXIMATELY 340 CUBIC YARDS OF MATERIAL THAT WILL BE USED TO BACKFILL THE TRENCH.

COMPOUND AREA SLOPES:
EXISTING - 6%-15%
PROPOSED - 3%-5%

TOTAL AREA OF DISTURBANCE = 37,000± SF

STORMWATER VELOCITY:
PRIOR TO GROUND COVER < 3.0 FT/SEC
FOLLOWING GROUND COVER < 3.0 FT/SEC

STORMWATER VOLUME:
PROPOSED IMPERVIOUS AREA = 4,880 SF
WATER QUALITY STD VOLUME (1") = 407 CF
STORAGE VOLUME (6" DEPTH, 40% VOIDS) = 600 CF

GROUND COVER TO BE ESTABLISHED AS FOLLOWS (U.O.N):
- WHITE CLOVER @ 0.20#/- SF
- TALL FESCUE @ 0.45#/- SF
- RYEGRASS @ 0.10#/- SF

MAP REFERENCES:
1. "EX-1 SITE SURVEY, 1837 PONUS RIDGE ROAD, NEW CANAAN, CT 06840, FAIRFIELD COUNTY", 1 OF 1; PREPARED BY NORTHEAST TOWER SURVEYING, INC., 140 WEST MAPLEMEER ROAD, WILLIAMSVILLE, NEW YORK 14221, LATEST REVISION DATED: 11/30/21.



HOMELAND TOWERS, LLC
9 HARMONY STREET
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DANBURY, CT 06810
(203) 297-6345



340 MOUNT KEMBLE AVENUE
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| 6 | | |
| 7 | | |
| 8 | | |

DESIGN PROFESSIONALS OF RECORD

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HOMELAND TOWERS NEW CANAAN NORTHWEST

SITE 1837 PONUS RIDGE ROAD
ADDRESS: NEW CANAAN, CT 06840

APT FILING NUMBER: CT283860

DATE: 12/07/21 DRAWN BY: CSH
CHECKED BY: RCB

SHEET TITLE:

PARTIAL
SITE PLAN

SHEET NUMBER:

SP-2

1 PARTIAL SITE PLAN
SP-2 SCALE: 1" = 20'-0"

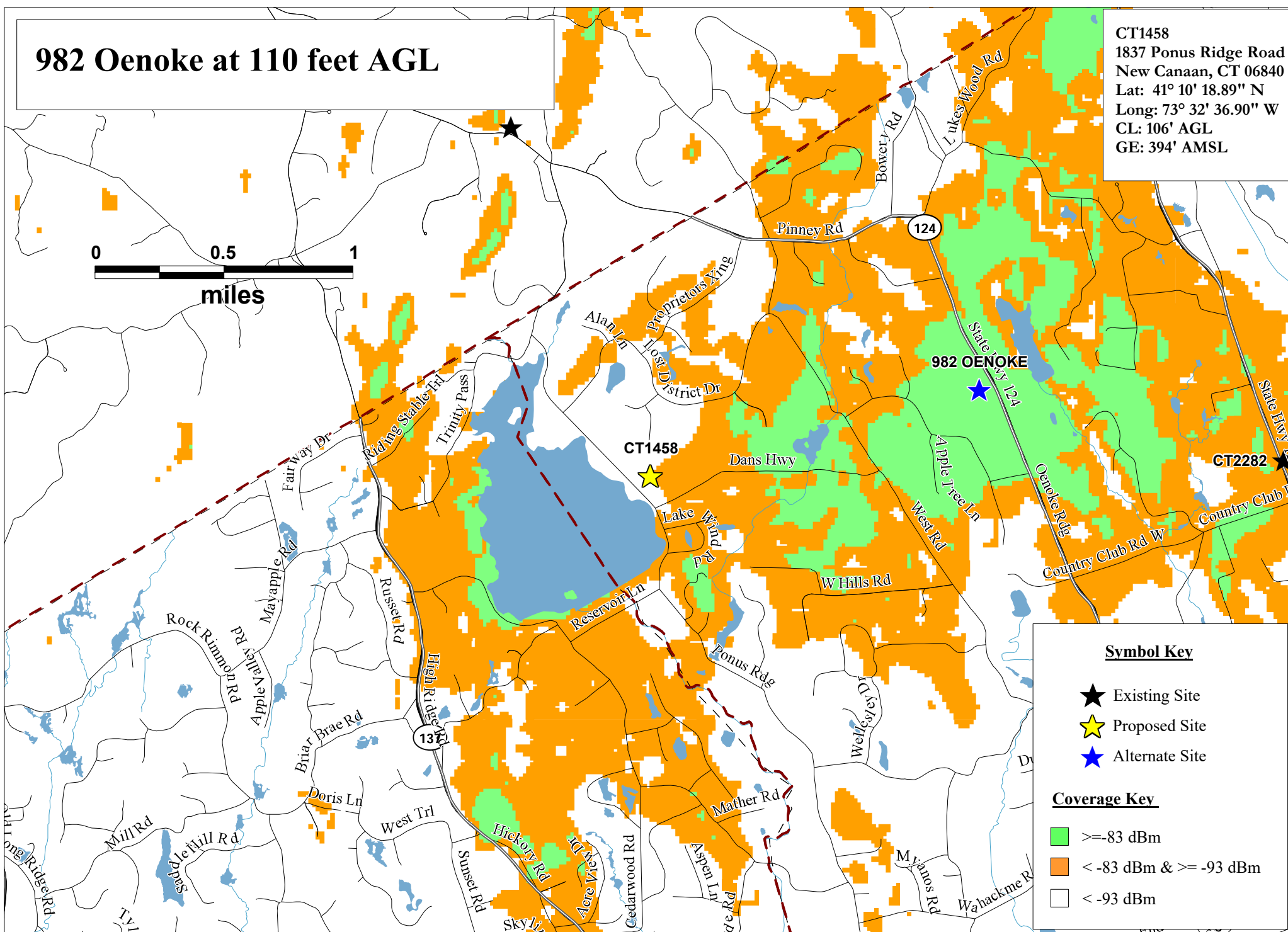
20 0 10 20 40
(IN FEET) 1 inch = 20 ft.

ATTACHMENT 4

982 Oenoke at 110 feet AGL

CT1458
1837 Ponus Ridge Road
New Canaan, CT 06840
Lat: 41° 10' 18.89" N
Long: 73° 32' 36.90" W
CL: 106' AGL
GE: 394' AMSL

0 0.5 1
miles



Symbol Key

- ★ Existing Site
- ★ Proposed Site
- ★ Alternate Site

Coverage Key

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

Alternate 982 Oenoke
700 MHz LTE Coverage

CT1458

1837 Ponus Ridge Road
New Canaan, CT 06840



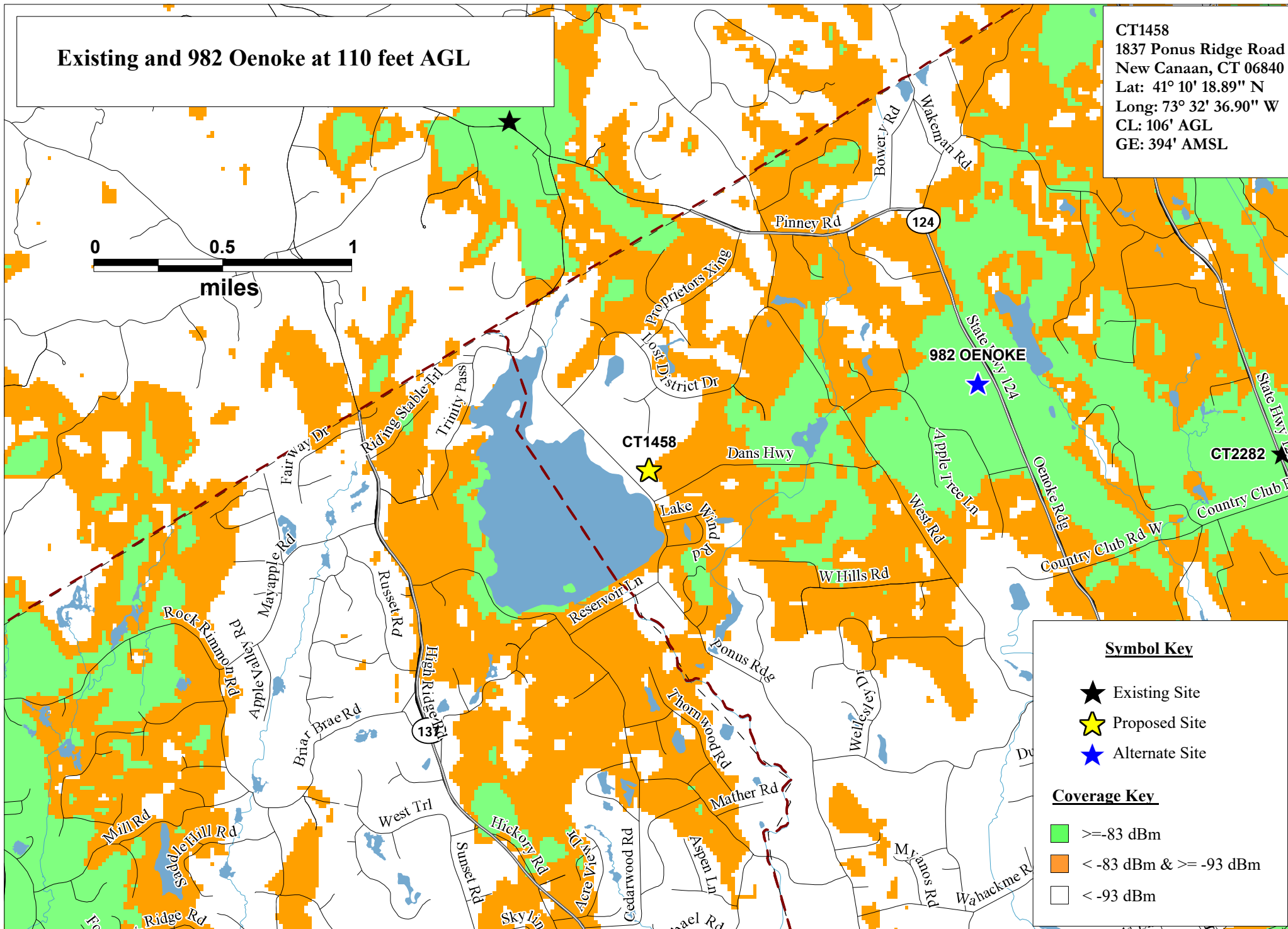
PREPARED ON
DATE: 06/23/2022

REV 0

Existing and 982 Oenoke at 110 feet AGL

CT1458
1837 Ponus Ridge Road
New Canaan, CT 06840
Lat: 41° 10' 18.89" N
Long: 73° 32' 36.90" W
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GE: 394' AMSL

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miles



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Coverage Key

- ≥ -83 dBm
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- < -93 dBm

Existing and Alternate 982 Oenoke
700 MHz LTE Coverage

CT1458

1837 Ponus Ridge Road
New Canaan, CT 06840



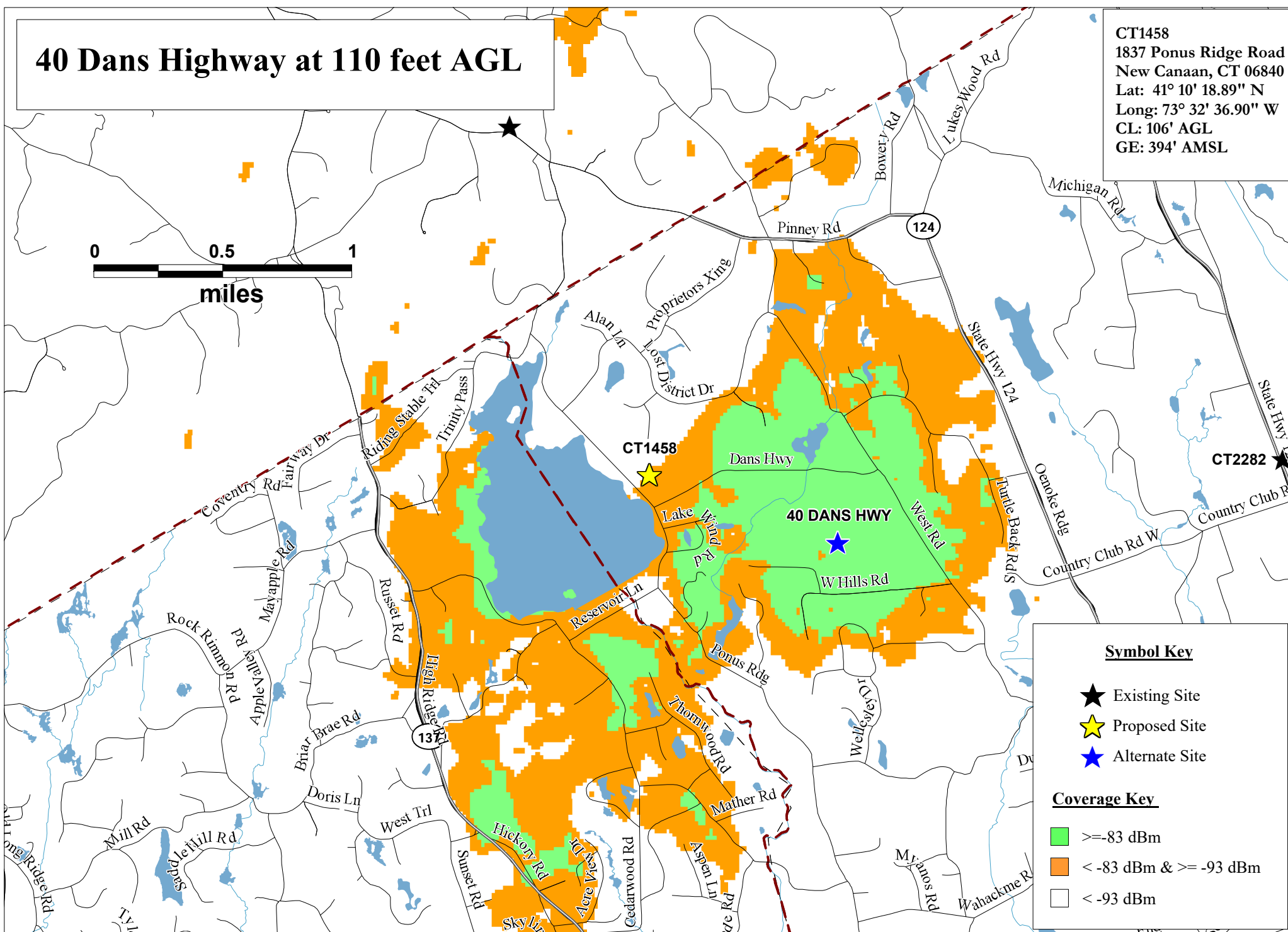
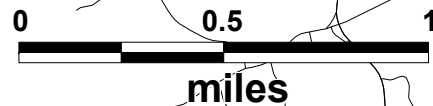
PREPARED ON

DATE: 07/05/2022

REV 0

40 Dans Highway at 110 feet AGL

CT1458
1837 Ponus Ridge Road
New Canaan, CT 06840
Lat: 41° 10' 18.89" N
Long: 73° 32' 36.90" W
CL: 106' AGL
GE: 394' AMSL



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Alternate 40 Dans Highway
700 MHz LTE Coverage

CT1458

1837 Ponus Ridge Road
New Canaan, CT 06840

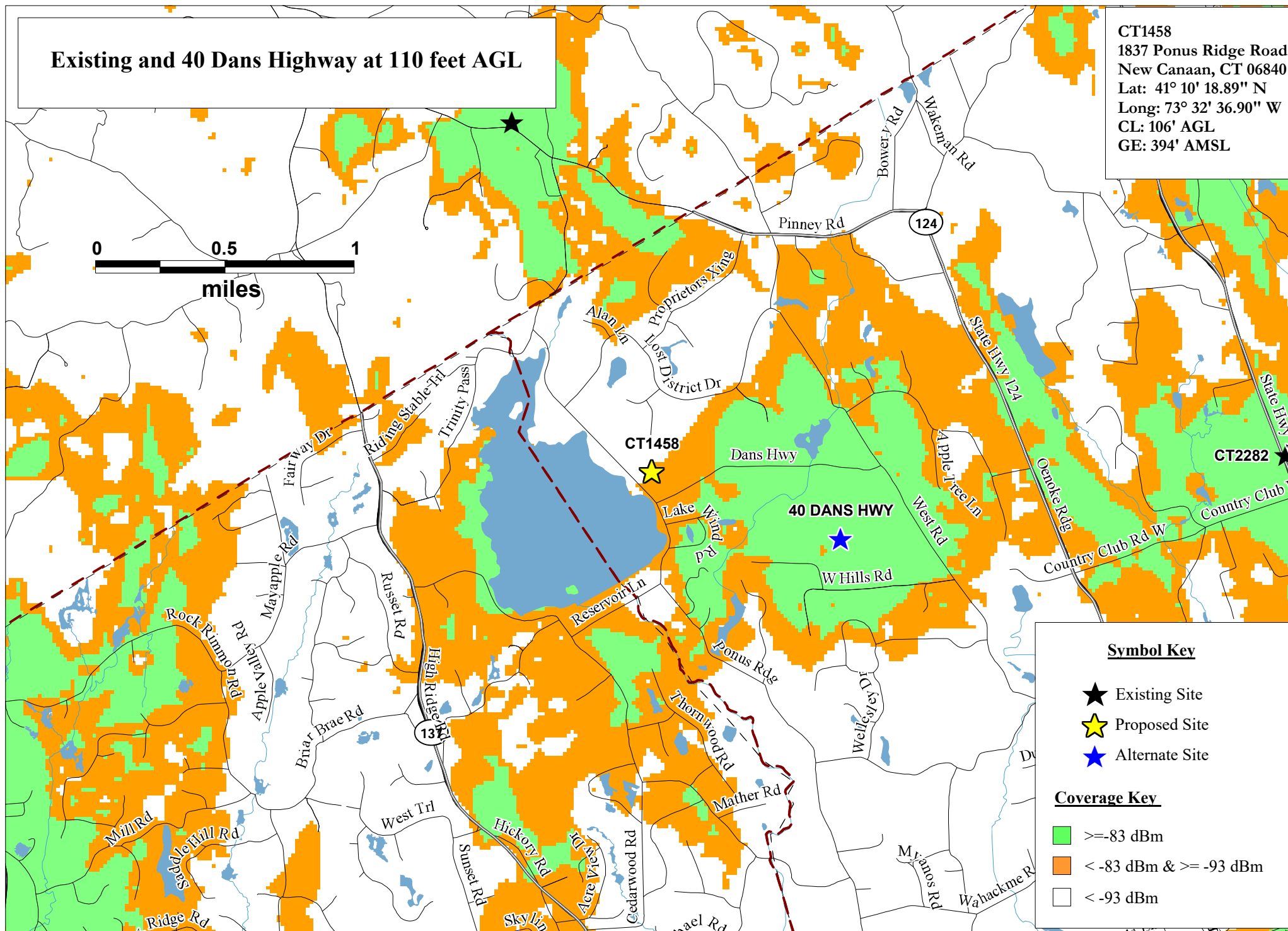


PREPARED ON
DATE: 06/23/2022




REV
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Existing and 40 Dans Highway at 110 feet AGL

CT1458
1837 Ponus Ridge Road
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Lat: 41° 10' 18.89" N
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Symbol Key

-  Existing Site
 Proposed Site
 Alternate Site

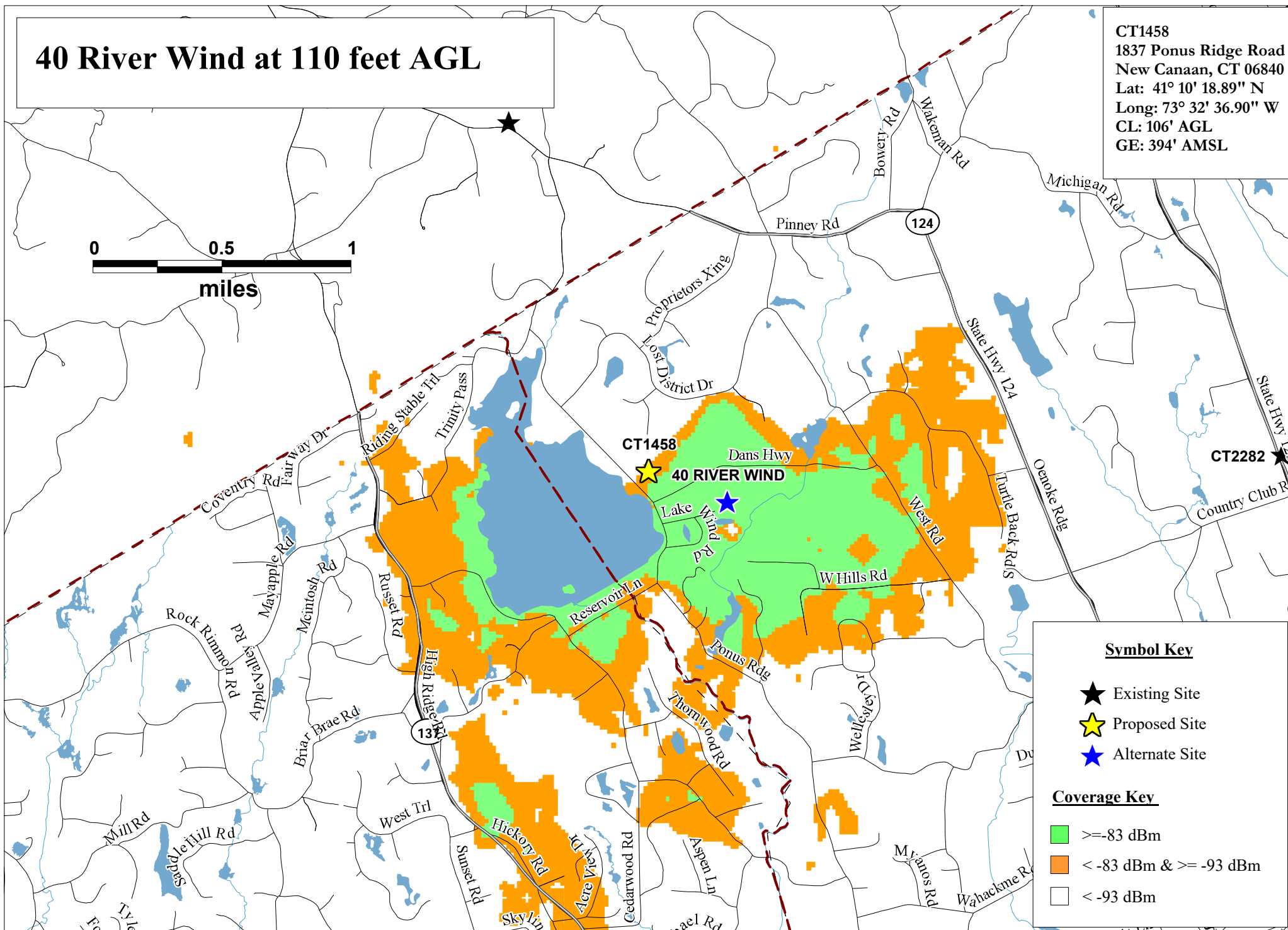
Coverage Key

- ≥ -83 dBm
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- < -93 dBm

40 River Wind at 110 feet AGL

CT1458
1837 Ponus Ridge Road
New Canaan, CT 06840
Lat: 41° 10' 18.89" N
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CL: 106' AGL
GE: 394' AMSL

0 0.5 1
miles



Symbol Key

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Coverage Key

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Alternate 40 River Wind
700 MHz LTE Coverage

CT1458

1837 Ponus Ridge Road
New Canaan, CT 06840



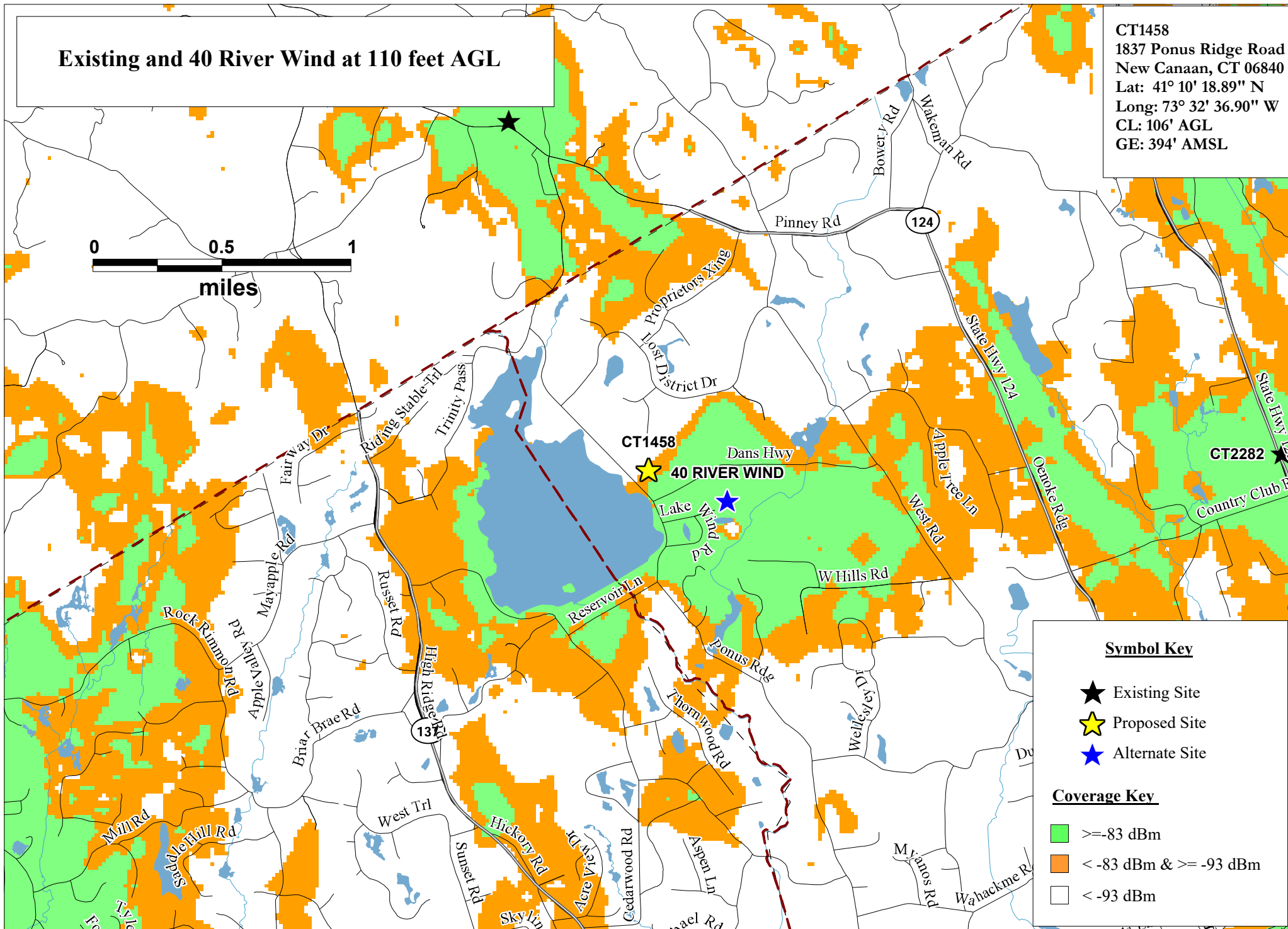
PREPARED ON
DATE: 07/05/2022

REV
0

Existing and 40 River Wind at 110 feet AGL

CT1458
1837 Ponus Ridge Road
New Canaan, CT 06840
Lat: 41° 10' 18.89" N
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CL: 106' AGL
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0 0.5 1
miles



Symbol Key

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- ★ Proposed Site
- ★ Alternate Site

Coverage Key

- ≥ -83 dBm
- < -83 dBm & ≥ -93 dBm
- < -93 dBm

Existing and Alternate 40 River Wind
700 MHz LTE Coverage

CT1458

1837 Ponus Ridge Road
New Canaan, CT 06840



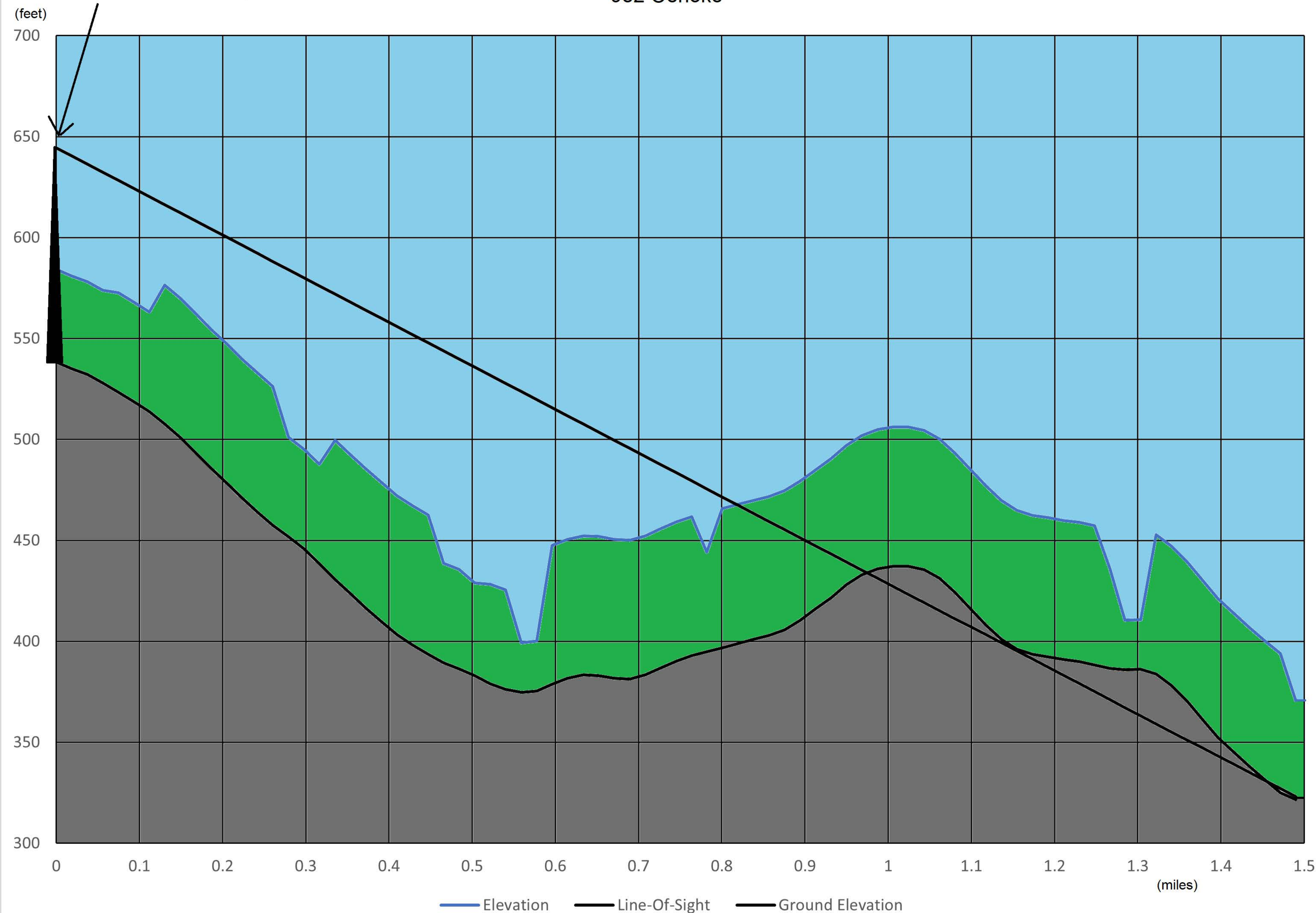
PREPARED ON

DATE: 07/05/2022

REV 0

982 Oenoke

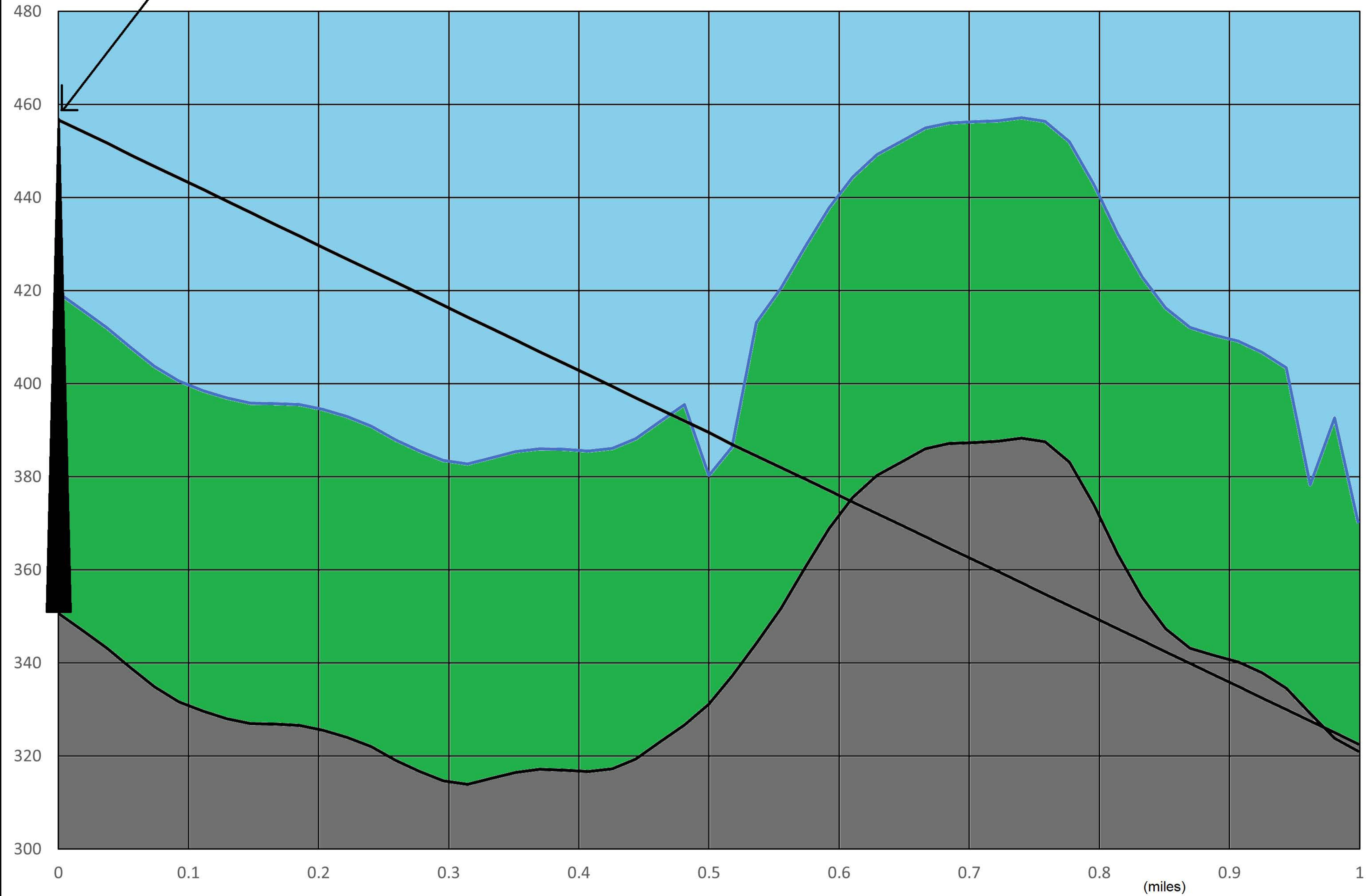
Tower at 106' AGL



40 Dans Highway

Tower at 106' AGL

(feet)

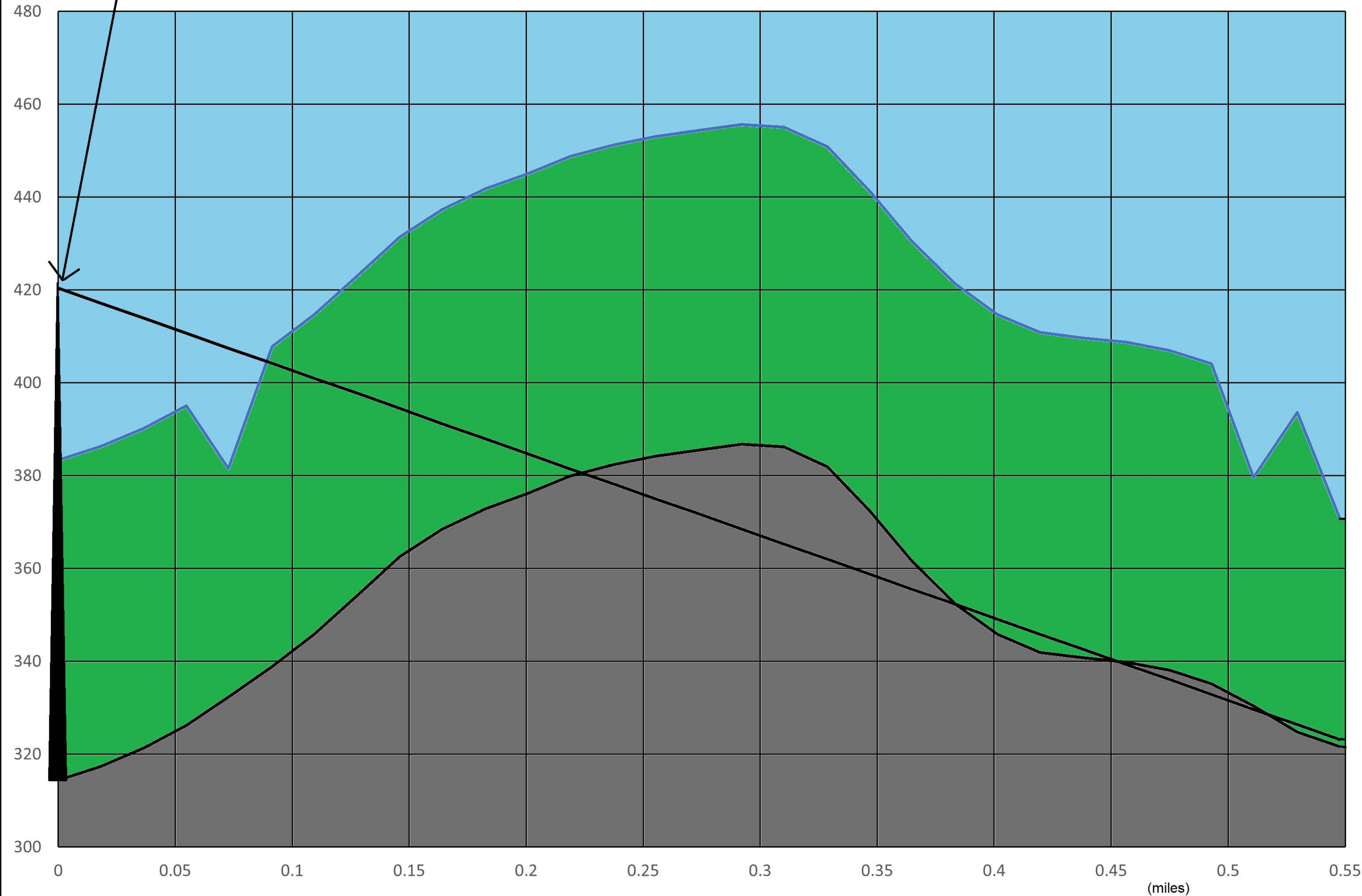


— Elevation — Line-Of-Sight — Ground Elevation

40 River Wind

Tower at 106' AGL

(feet)



(miles)

— Elevation — Line-Of-Sight — Ground Elevation