

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:	:	
	:	
APPLICATION OF CELLCO PARTNERSHIP	:	DOCKET NO. 347
D/B/A VERIZON WIRELESS FOR A	:	
CERTIFICATE OF ENVIRONMENTAL	:	
COMPATIBILITY AND PUBLIC NEED FOR	:	
THE CONSTRUCTION, MAINTENANCE	:	
AND OPERATION OF A WIRELESS	:	
TELECOMMUNICATIONS FACILITY AT	:	
THE GAYLORDSVILLE VOLUNTEER FIRE	:	
DEPARTMENT, NEW MILFORD,	:	
CONNECTICUT	:	DECEMBER 11, 2007

RESPONSES OF CELLCO PARTNERSHIP D/B/A
VERIZON WIRELESS TO INTERVENORS PRE-HEARING INTERROGATORIES

On November 28, 2007, the Intervenor, Theodore and Ellen Berson issued Pre-Hearing Interrogatories to the Applicant, Cellco Partnership d/b/a Verizon Wireless ("Cellco"), relating to the above-captioned docket. Below are Cellco's responses.

Question No. 1

What is the extent and quality of existing coverage, including coverage at levels below -85 dBm, on Route 7 for the 2.4 miles that the Applicant states will be covered by the new facility?

Response

Existing signal strength along Route 7 in the area that would be covered by the New Milford NW facility currently ranges between -86 dBm and -105 dBm (or greater); unreliable service for Cellco customer.

Question No. 2

State whether there is uninterrupted in-vehicle coverage presently for any portion of the 2.4 mile stretch of Route 7 and, if so, identify the specific locations within that 2.4 mile stretch where uninterrupted coverage occurs.

Response

As illustrated on the coverage plots included behind Tab 7 of the Application, Cellco currently provides very spotty -85 dBm coverage along limited portions of Route 7 within the 2.4 mile area covered by the proposed New Milford NW facility. Because these are small, localized coverage areas it is inappropriate to describe them as areas “uninterrupted coverage”.

Question No. 3

With respect to the Gaylordsville United Methodist Church site, please identify any cellular carriers who are located at, or have approval to locate at, the Methodist Church site.

Response

Sprint Nextel is the only wireless carrier listed in the Council’s Telecommunications Database – Comprehensive List of Sites, as maintaining antennas in the steeple of the Gaylordsville United Methodist Church. We are not aware of any other carriers who have been approved to use the church steeple.

Question No. 4

For any carrier located at the Methodist Church site, identify the antenna types on site, the orientation of the antennas, the antenna elevation, the exact coordinates of the site and the effective radiated power from the site facility.

Response

Sprint antennas are located inside the steeple, at the 78-foot level. Nextel antennas are located at the 68 and 62-foot levels in the steeple. The Council's database lists the coordinates of the church as 41° 38' 41"N 73° 29' 04"W. Information regarding antenna orientation and antenna type is included as a part of the project plans submitted to the Town of New Milford Building Official (See Attachment 1). Cellco does not have any specific information on the Sprint Nextel transmit power.

Question No. 5

Please provide the propagation maps which support your conclusion that the United Methodist Church site does not meet Cellco's coverage objectives in this area. Include all relevant data used to produce the maps, such as antenna types, heights, orientation and effective radiated power.

Response

Included behind Attachment 2 is a propagation map showing coverage from Cellco antennas mounted at 52 feet AGL in the church steeple; ten feet below the lowest Sprint Nextel antennas. This propagation plot assumes the use of the same PCS antenna described in the Application with a similar antenna orientation (0° 120° 240°). These plots also assume a pilot channel power of 151W EIRP.

Question No. 6

What height at the United Methodist Church location would Cellco need to achieve coverage approximating that to be achieved at the Applicant's preferred location?

Response

Cellco antennas would need to be located at a height of 120 feet above ground level (“AGL”) at the United Methodist Church site in order to provide coverage comparable to that achieved at the Gaylordsville Volunteer Fire Department (“GVFD”) site.

Question No. 7

With respect to the farm silo located off Long Mountain Road discussed as an alternative site, please state the exact coordinates of this site, including how many feet above sea level the ground level of the silo is.

Response

The coordinates for the silo location are 41° 38’ 37.2”N 73° 27’ 52.8”W. The ground elevation at this site is approximately 830 feet above mean sea level (“AMSL”).

Question No. 8

Please provide all propagation maps which support the Applicant’s conclusion that this silo site would not provide adequate coverage. Include all relevant data used to produce the maps such as antenna types, heights, orientation and effective radiated power.

Response

As stated in the Application, the existing silo is approximately 50 feet tall and is approximately one mile from the GVFD site. Included in Attachment 3 is a propagation map showing Cellco coverage at 50 feet from the silo location. This plot assumes the use of the same PCS antennas proposed in the Application with similar antenna orientation (0° 120° and 240°). This plot also assumes a pilot channel power of 151W EIRP.

Question No. 9

At this silo site, please state the height above ground level that would be necessary to place antennas in order to achieve approximately the same coverage as from the Applicant's preferred site.

Response

Cellco ran coverage plots at the silo location up to a height of 180 feet AGL and could not achieve a coverage footprint along Route 7 comparable to that which is achieved from the GVFD site.

Question No. 10

With respect to co-locating on CL&P transmission line structures, explain in detail why co-location could not be achieved on a nearby transmission line 398 or line 568 transmission pole or structure such as was done pursuant to Petition No. 517 and Petition No. 675 before the Connecticut Siting Council. In your response, please give details concerning the ground level height above sea level of each CL&P pole within those transmission line rights of way within a ½ mile of the intersection of Route 7 and Route 55 and state the corresponding actual height of each such existing CL&P transmission structure.

Response

As discussed in detail in the Application (Tab 9), Cellco spent a significant amount of time investigating the potential shared use of the CL&P transmission line structures in the Gaylordsville area. The tower structures identified, and investigated, were those that Cellco's RF engineers believed could satisfy its coverage objectives in this area. Structures further north or south were not investigated simply because it was obvious to the network design engineers that, based on each site's location, ground elevation, distance from Route 7, and intervening

topography, these locations could not satisfy Cellco's coverage objectives. For the locations discussed in the Site Search Summary the information requested is as follows. Please refer to site search summary key map for particular site reference.

<u>Site</u>	<u>Approx. G.E.</u>	<u>Approx. Structure Height</u>	<u>Cellco Antenna Height Needed</u>
A	310'	60' Wood	n/a
B	310'	60' Wood	n/a
C	340'	60' Wood	n/a
D	360'	60' Wood	n/a
E	560'	50' Wood	n/a
1	370'	60' Wood	100-120
2	365'	60' Wood	100-120
3	356'	35' Wood*	100-120
4	358'	70' Metal	100-120
5	395'	70' Wood	100-120

*This is an existing CL&P distribution line structure.

Question No. 11

The New Milford Zoning Commission proposed, as an alternative site, the 50 foot tall CL&P structure at elevation 320 feet located at coordinates 41° 39' 03.39"N 73 °29'05.91"W with a ground level which is 80 feet higher than the Applicant's preferred location and which alternative site is located just approximately one quarter of a mile north of the Applicant's preferred location. Please describe in detail the coverage area that the Applicant's facilities would realize at this location. Provide propagation plots utilizing assumed antenna height necessary to provide coverage similar to that achieved at the Applicant's preferred site. Include all relevant

data used to produce the maps, such as antenna types, heights, orientation and effective radiated power.

Response

Like many of the CL&P structures investigated, this structure location could provide Cellco with coverage comparable to that which it achieves from the proposed GVFD site. In order to provide that comparable coverage, however, Cellco would have to double the height of the existing 50-foot pole and mount its antennas 100 feet AGL. Because the ground elevation is 50 feet higher than at the GVFD site, this structure would be substantially more visible than the existing CL&P tower and more visible from a greater number of nearby residences than the GVFD site. The propagation plot from this site at 100 feet is included in Attachment 4.

Question No. 12

For the Applicant's preferred location at the Fire Department site, please explain in detail why the tower needs to be 120 feet tall (above ground level). How much space was allocated for additional wireless carriers and how does this space affect the overall height of the structure? Identify the specific carriers the space was reserved for. Please also explain or justify the reason for an additional 20 foot whip antenna on the top bringing the total height to 140 feet above ground level and provide propagation maps for the coverage achieved with and without this antenna.

Response

The 120-foot antenna height was determined to be the level at which Cellco could maximize its coverage footprint in northwest New Milford. As discussed in Dave Crotty's Pre-Filed Testimony dated December 11, 2007, due to topography in this area, a taller tower at the

GVFD site would not result in significantly better coverage in the area overall or coverage that would connect to the adjacent cell sites.

Cellco is not aware of any other carriers who are interested in sharing the GVFD tower but would design the tower to accommodate three additional wireless carriers, the GVFD antennas and other municipal emergency service entities (e.g. Police). For the purposes of this Application, Cellco assumed that the GVFD would relocate its existing 20-foot whip antennas from their existing location to the top of the proposed tower. New Milford is currently assessing its emergency service communications needs town-wide, including its needs in the Gaylordsville area. Cellco does not have access to the information it would need to produce coverage maps for the Town's emergency service communications network.

Question No. 13

Why were drive tests not completed for the proposed coverage area? How was the Applicant's propagation model calibrated? Explain the benefits of drive tests.

Response

Cellco does not drive test all proposed or potential cell site locations. Cellco has a high level of confidence in its propagation modeling tool; a tool that is "fine-tuned" regularly using Cellco's monthly baseline drive data. Cellco is confident that data from a "drive test" would simply confirm what the propagation model predicts.

Question No. 14

What were the coverage criteria used to determine that there was a 4.1 mile coverage gap along Route 7? Please provide records of dropped calls/failed calls from adjacent sectors.

Response

The 4.1 mile coverage gap is the distance between areas of reliable (-85 dBm) coverage from Cellco's existing adjacent cell sites (Kent South and New Milford West). In northwest New Milford, Cellco customers currently experience a rate of failed calls (dropped calls and ineffective attempts) in excess of 15%.

Question No. 15

Do you claim that there is no coverage at -85 dBm?

Response

No. However, once Cellco's signal strength drops below -85 dBm it does not and cannot provide its customers with reliable coverage.

Question No. 16

How large would the gap be at -90 dBm?

Response

3.7 miles.

Question No. 17

With reference to the Applicant's statements on page 18 of its application pertaining to "stealth" installations, please provide photo realistic renderings of how these facilities would appear from the residential homes surrounding the proposed tower site on three sides.

Response

The Applicant has prepared photosimulations from those locations referenced in the visual assessment, for both a traditional tower (see Application, Tab 10) and a tree tower (see Attachment 1 to Pre-Filed Testimony of Michael Libertine). Photograph location #1 is a view from adjacent residential areas to the north of the tower site.

Question No. 18

On page 20 in the application, the Applicant states that the maximum power density would be 3.84% of the “standard.” Please identify which standard the Applicant is referring to.

Response

Section III.D.3.c. of the Application (pp. 14-15) refers to the radio frequency emissions standard adopted by the Federal Communications Commission.

Question No. 19

With respect to the preparation of the propagation maps previously prepared by the Applicant, please state the technical parameters used including antenna type, antenna orientation, antenna elevation, antenna down tilt (if any), effective radiated power and the exact site coordinates.

Response

Information regarding antenna type, antenna height, and ERP was provided in response to Council Interrogatory No. 5 dated November 14, 2007. The calculations produced are “worst-case” approximations and do not contemplate any “down-tilt of the antennas”. The site coordinates are found behind Tab 1, page 4 of the Application and are 41° 38’ 56.54”N 73° 28’ 59.9”W.

Question No. 20

Please state the specific formula, input parameters and any assumptions you used for the calculation of maximum power densities. Please show the actual calculations.

Response

Cellco engineers utilize the FCC adopted formula found in OET Bulletin 65. That formula is: $S = (0.64) (1.64) (ERP) / 3.14R^2$. ERP = 450W/channel.

Question No. 21

If a calculation of maximum power density uses the base of the tower as the closest accessible point to the antennas, please explain why the base is appropriate in a scenario where there is no down tilt of the antennas.

Response

As described on page 14 of the Application, the “worst case” approximation is a conservative calculation, using a point at the base of the tower as the closest accessible point to the transmitting antenna. This “worst case” calculation assumes that the antennas at 120 feet AGL are pointing directly at the ground at the base of the tower, while transmitting on all channels, simultaneously at full power. Even under these worst case conditions the RF emissions from the Cellco antennas is only 3.84% of the FCC safety standard (approximately 25 times below the established standard).

Question No. 22

Does the Applicant include potential contributions from the Fire Department and other potential carriers in calculating its conclusions concerning power density? If not, please provide this information, including the specific formula(s), assumptions and input parameters used. Please show the actual calculations.

Response

The power density calculation included in the Application is for Cellco antennas only. Information on the Fire Department’s equipment is not currently available.

Question No. 23

Please provide the non-ionizing radio frequency radiation reports (RF reports) including all formulas, assumptions and calculations used to support the applicant's conclusion that its calculations were in accordance with the FCC OET Bulletin 65.

Response

The Applicant performs the FCC mandated power density calculation to confirm that the facility will conform to the adopted FCC standard. No formal report has been prepared.

Question No. 24

Is any RFR monitoring program proposed?

Response

No.

Question No. 25

On page 35 of the application, the Applicant refers to the use of EIA/TIA-222F Structural Standards in the design of the facility. Will the Applicant comply with the newer standard, 222G?

Response

EIA/TIA-222G has not been adopted as a part of the Connecticut State Building Code. Cellco will have the tower designed to meet the State of Connecticut Building Code which includes the International Building Code 2003 (IBC) and Connecticut Supplements and EIA/TIA-222F.

Question No. 26

Is coverage for Verizon in all or some of the “gap” area which the Applicant seeks to provide coverage for pursuant to this application, currently being provided by roaming agreements with other wireless carriers?

Response

In Litchfield County, Connecticut, Cellco is licensed to provide wireless service at PCS frequencies and has entered into a roaming agreement with Alltel Communications. Alltel’s closest cell site is located at 136 Bulls Bridge Road in Kent (Cellco’s Kent South facility). Coverage from this Alltel site does not provide any coverage into Cellco’s existing gaps in Gaylordsville. Alltel antennas are located at the 170-foot level on the Kent South tower (ten feet above Cellco’s antennas). Alltel’s coverage from the Kent South site is limited by terrain to the south and does not extend further south than Cellco’s existing PCS coverage from the same site. Even with Alltel’s coverage from the Kent South facility, Cellco would need the GVFD tower.

Question No. 27

If the answer to the last interrogatory is yes, then please identify the “roaming agreement” wireless carriers by name and identify the specific cellular tower locations of those carriers in the vicinity of the Applicant’s preferred site which provide the roaming gap coverage.

Response

Cellco’s roaming agreement is with Alltel Communications. Alltel currently has antennas located at the 170-foot level in the 136 Bull Bridge Road tower site in Kent.

Question No. 28

Please state in detail why the applicant cannot co-locate on the roaming carrier facilities.

Response

Cellco's PCS antennas are located on the Bulls Bridge Road tower site.

Question No. 29

Please identify all locations where Cellco/Verizon have co-located on CL&P structures or within CL&P rights of way in the State of Connecticut.

Response

1. Hilltop View Lane, New Milford, Connecticut
2. Hebron Avenue, Glastonbury, Connecticut
3. South Shore Drive, Greenwich, Connecticut
4. Sky Edge Lane, Bethel, Connecticut (approved but not constructed)

Question No. 30

Please describe how there will not be any RF interference with Town of New Milford Emergency Service operations by locating the proposed service facilities at the Gaylordsville Volunteer Fire Department site.

Response

Cellco is licensed to operate in the 1970 to 1975 MHz frequency range in Litchfield County. These frequencies are dedicated to Cellco as an FCC licensee. The GVFD operates in the 150 MHz range. Based on the fact that both Cellco and the emergency services operate in their own dedicated frequency ranges and due to the large separation between the two operating frequencies, interference between the two systems is not a concern. Cellco has co-located on many tower sites with emergency service communications providers. Interference issues have not been a problem.

Question No. 31

Please provide all coverage or propagation maps prepared for or possessed by the Applicant for all alternative locations discussed in Tab 9 attached to the Application. Please include all relevant data used to produce the maps, such as antenna types, heights, orientation and effective radiated power.

Response

See Attachment 5.

Question No. 32

What type of trees in the area is the Applicant concerned will grow taller, necessitating a higher tower height, where are these “trees of concern” located, what is the present height of these trees and what is the ground level of the trees, and what is the present height of these trees in relation to the proposed tower height?

Response

Cellco estimates that the average tree height in the area is approximately 65 feet. The ground level (topography) in the Gaylordsville area varies drastically, which is what makes Route 7 such a difficult roadway to cover. Over the 25 year term of the Cellco lease, it is conceivably that the trees in the general vicinity of the site area can grow 10 to 20 feet. It is also important to remember that with this “line of sight” technology trees immediately around the tower site and those further from the tower site but between the tower and Route 7, for example, can effect radio signal propagation in similar ways.

Question No. 33

Please submit an updated abutters map which includes all existing, surrounding residential homes such as Berson and Flynn.

Response

See Attachment 6.

Question No. 34

Please create a document similar to that attached hereto as Exhibit A which accurately (as opposed to our estimated hand drawn boundary) depicts on one plot the area of new service provided by the Applicant's proposed facility.

Response

Attachment 7 includes a stand-alone plot showing coverage from the proposed site without coverage from the two adjacent sites.

CERTIFICATION

I hereby certify that on this 11th day of December, 2007, a copy of the foregoing was mailed, postage prepaid, to the following parties and intervenors:

New Milford Zoning Commission

c/o D. Randall DiBella, Esq.
Cramer & Anderson LLP
51 Main Street
New Milford, CT 06776

Theodore M. and Ellen Berson

c/o Thomas W. Beecher, Esq.
Collins, Hannafin, Garamella, Jaber & Tuozolo, P.C.
148 Deer Hill Avenue
Danbury, CT 06810

Carmen and Anthony Scuderi
21 South Kent Road
Gaylordsville, CT 06755

James and Linda Hart
44 South Kent Road
Gaylordsville, CT 06755

Michael Covert
17 South Kent Road
Gaylordsville, CT 06755

Reed Hotchkiss
703 Kent Road
Gaylordsville, CT 06755


Kenneth C. Baldwin

DBA NEXTEL COMMUNICATIONS
CT-3661E NEW MILFORD NORTH

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NEW MILFORD NORTH
CT-3661E
187 KENT ROAD
GAYLORDSVILLE, CT
06755

NEXTEL COMMUNICATIONS
OF THE MID-ATLANTIC, INC.
DBA NEXTEL COMMUNICATIONS
100 CORPORATE PLACE
ROCKY HILL, CT 06067
OFFICE: (860) 513-5400
FAX: (860) 513-5444

**TITLE SHEET -
GENERAL NOTES
AND LEGEND**

QUEST NUMBER

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Attachment 1

SHEET NO.	DESCRIPTION	REV	REVISION DATE
1-1	TITLE SHEET- GENERAL NOTES AND LEGEND	0	02.17.09
1-2	SURVEY	0	01.30.06
1-3	SITE PLAN AND LEGEND	0	02.17.09
1-4	SITE PLAN, DETAILS AND LEGEND	0	02.17.09
2-1	FOUNDATION PLAN, DETAILS AND NOTES	0	02.17.09
2-2	EQUIPMENT BUILDING ELEVATIONS, DETAILS AND NOTES	0	02.17.09
2-3	HAULING ELEVATIONS, SECTION AND PLANS	0	02.17.09
2-4	HAULING ELEVATIONS, DETAILS AND CABLE SUPPORT DETAILS	0	02.17.09
2-5	HAULING ELEVATIONS, DETAILS AND SCHEDULE	0	02.17.09
3-1	PARTIAL SITE UTILITIES PLAN, CHIMNEYING PLANS, DETAILS AND NOTES	0	02.17.09
3-2	WELLS, DRAINAGE, PLANS AND DETAILS	0	02.17.09
3-3	ELECTRICAL, CHIMNEYING AND DETAILS	0	02.17.09
SHEET INDEX			

APPENDIX C

112

R.F. ENGINEERCONSTRUCTIONSITE ACQUISITION

FIELD OPERATIONS

INVESTIGATING AGENCY

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THE PARTIES HEREBY APPROVE THESE DOCUMENTS AND AU

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SUPERVISOR SHALL NOT BE

PROJECT INDEX	
CT-3691C	
NEW MILFORD NORTH	
687 KENT ROAD - U.S. ROUTE 7	
WATERVILLE, CT 06795	
APPLICANT:	
THE NEW-DAVANT, INC.	
100 COMMERCIAL BLVD.	
ROCKY HILL, CT 06067	
PROPERTY OWNER:	
SUNDT MEMORIAL CLUBHOUSE	
1000 STATE ST. SUITE 7	
WATERVILLE, CT 06795	
ITE CONTRACT:	
JOHN JENSEN	
TELEPHONE: (860) 325-4511	
SUBDIVISION:	
TOWN OF NEW MILFORD	
R-40 (SINGLE FAMILY DISTRICT)	
APPROX. LOT #3	
MAP 752.0/OT	
APPROX. MAP:	
KENT 04/10/79/4	
COUNTY:	
LITCHFIELD	
APPROX. LOT #3	
41°-38'-41.00"	
APPROX. LONGITUDE:	
73°-27'-54.00"	
-14'-32"	
APPROX. AMSL ELEVATION (IN FEET)	
280.0	
BOUNDARY:	

**KTCL CONSTRUCTION
WAGNER**

**KIDAN KUSHI
(860) 875-7749
KEYWAGNER@COMNETLESS.COM**

**BILL KING
(617) 839-0934**

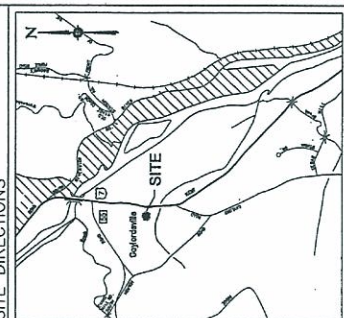
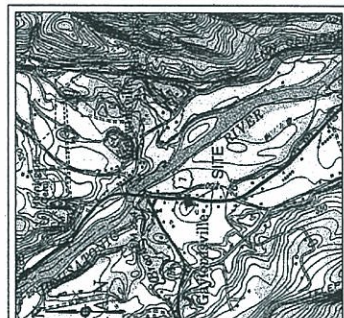
**KTCL POWER &
ELECTRICAL**

PROJECT CONTACTS

BUILDING CODE
 2003 CONNECTICUT STATE BUILDING CODE
 2003 INTERNATIONAL BUILDING CODE
 2003 INTERNATIONAL PLUMBING CODE
 2003 INTERNATIONAL MECHANICAL CODE
 2003 INTERNATIONAL ELECTRICAL CODE
 2003 CONNECTICUT SUPPLEMENT
 2003 NATIONAL ELECTRICAL CODE
 2003 NATIONAL FIRE SAFETY CODE
 CONNECTICUT STATE FIRE SAFETY CODE

CODE REFERENCES	PROJECT DESCRIPTION
THE SCOPE OF THIS PROJECT CONSISTS OF THE INSTALLATION OF A SOUND SYSTEM WITHIN THE CHURCH AND SOUNDING OF BELL TOWERS. INCLUDES (1) CONSOLE CABLES, AND SIX (6) PANEL ANTENNAS MOUNTED IN EXISTING CHURCH STEEPLE.	

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GENERAL NOTES



URS CORPORATION AES
500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-(800) 529-8882

NEXTEL

DATE: 01.30.04
RELEASE BY: JAR

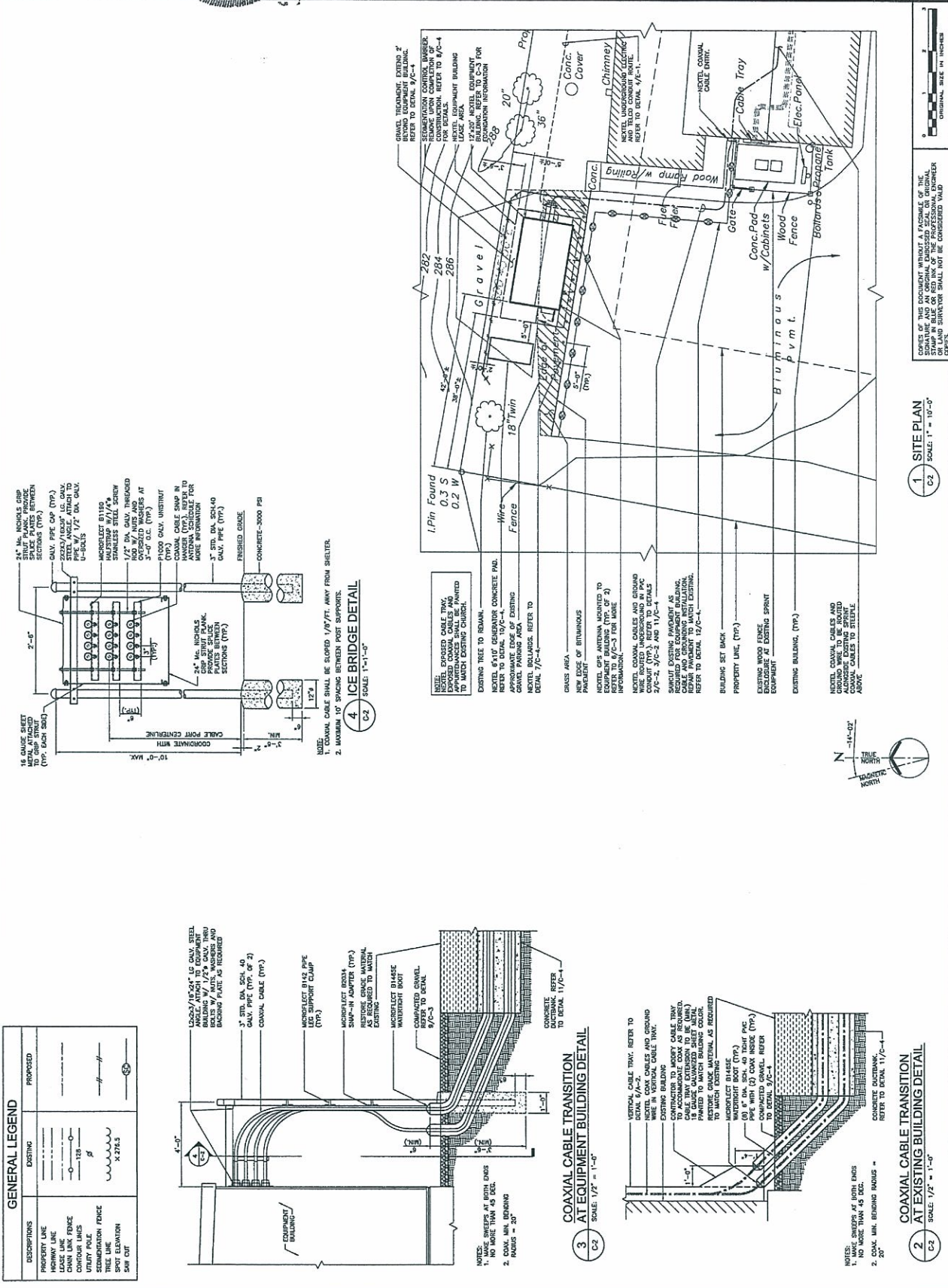
CONSTRUCTION: DATE: _____
LOADING: DATE: _____
RF: DATE: _____
ZONING: DATE: _____
DC: DATE: _____
NETWORK ENG: DATE: _____
OWNER: DATE: _____

NEW MILFORD NORTH
CT-3661E
887 KENT ROAD
GAYLORDSVILLE, CT
00755

NEXTEL COMMUNICATIONS
887 KENT ROAD
GAYLORDSVILLE, CT
00755
PHONE: (860) 513-5400
FAX: (860) 513-5444

**SITE PLAN,
DETAILS AND
LEGEND**

C-2



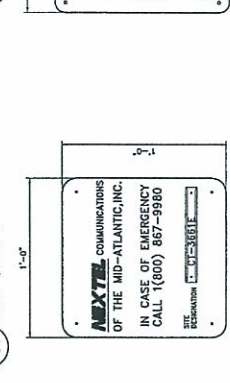
COPIES OF THIS DOCUMENT WITHOUT A FACSIMILE OF THE PROFESSIONAL ENGINEER'S SEAL AND SIGNATURE ARE UNLAWFUL. THE PROFESSIONAL ENGINEER'S SEAL AND SIGNATURE SHALL NOT BE CONSIDERED VALID WITHOUT THE FACSIMILE OF THE PROFESSIONAL ENGINEER'S SEAL AND SIGNATURE.

- 1) THE EROSION CONTROL PROCEDURES SHALL CONTINUE TO ALL APPLICABLE EROSION CONTROL MEASURES UNTIL THE EROSION CONTROL MEASURES FOR EROSION AND SEDIMENT CONTROL, DATED 2002.
- 2) DURING CONSTRUCTION AND THEREAFTER EROSION CONTROL MEASURES ARE TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. MEASURES SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE REPAIRED OR REPLACED AS NECESSARY. MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT AND SHALL NOT BE LEFT EXPOSED DURING THE WINTER MONTHS.
- 3) SEDIMENT FENCING SHALL BE INSTALLED WHERE THERE IS A RISK TO AND/OR THE EROSION CONTROL MEASURES ARE TO BE MAINTAINED. FENCING SHALL BE MAINTAINED DURING AND AFTER CONSTRUCTION TO REMAIN EFFECTIVE TO PREVENT EROSION AND SEDIMENT FROM EXPOSURE OF THE EROSION CONTROL MEASURES. FENCING SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT AND SHALL NOT BE LEFT EXPOSED DURING THE WINTER MONTHS.
- 4) ALL EXPOSED AREAS AND SOIL SURFACES SHALL BE COVERED UNTIL TO REMOVAL OF THE EXPOSED AREAS AND SOIL SURFACES SHALL BE LEAVED AND EXPOSED. FURTHER PROPOSED SHALL COMPLY TO ALL APPLICABLE SECTIONS OF THE CONSTRUCTION ACT, CONSTRUCTION REGULATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, DATED 2002.
- 5) ALL EXPOSED AREAS AND SOIL SURFACES SHALL BE LEFT UNPROTECTED, AND SHALL BE REPAIRED AFTER DURING CONSTRUCTION SHALL BE MAINTAINED UNTIL THE EROSION CONTROL MEASURES ARE TO BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT AND SHALL NOT BE LEFT EXPOSED DURING THE WINTER MONTHS.
- 6) ALL EXPOSED AREAS AND SOIL SURFACES SHALL BE LEFT UNPROTECTED, AND SHALL BE REPAIRED AFTER DURING CONSTRUCTION SHALL BE MAINTAINED UNTIL THE EROSION CONTROL MEASURES ARE TO BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT AND SHALL NOT BE LEFT EXPOSED DURING THE WINTER MONTHS.
- 7) UPON ESTABLISHMENT OF VEGETATION OF ALL EXISTING AREAS AND UPON COMPLETION OF THE PROJECT, ALL SEDIMENTATION CONTROL MEASURES SHALL BE REMOVED FROM THE SITE.

S:\PROJECTS\NOTES

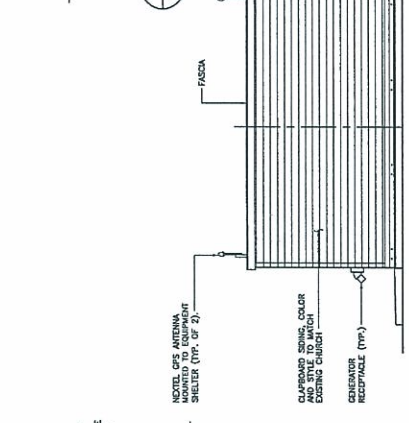
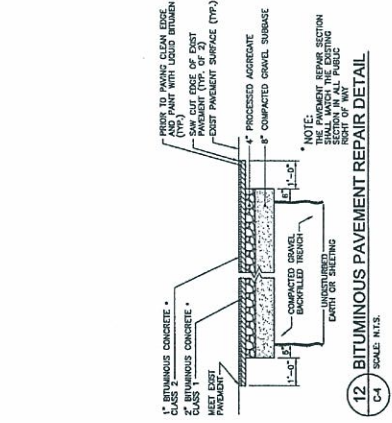
- [illegible]

- SEDIMENTATION**
8 BARRIER/SILT FENCE DETAIL
C-4 SCALE: 1 1/2" = 1'-0"

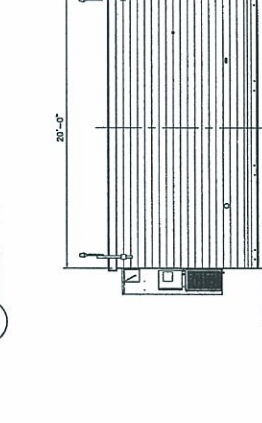


(WHITE METAL SIGN W/BLACK LETTERING)

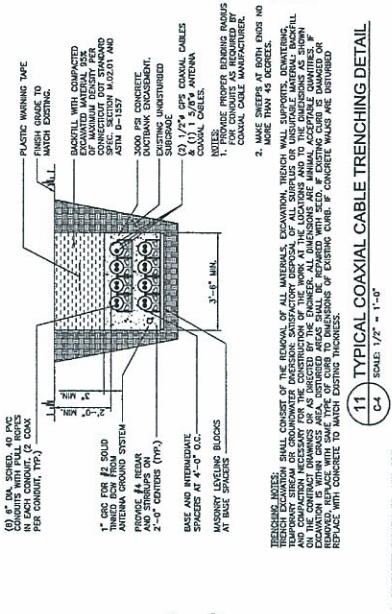
- 6 EMERGENCY SIGN
Q-4 SCALE: N.T.S.



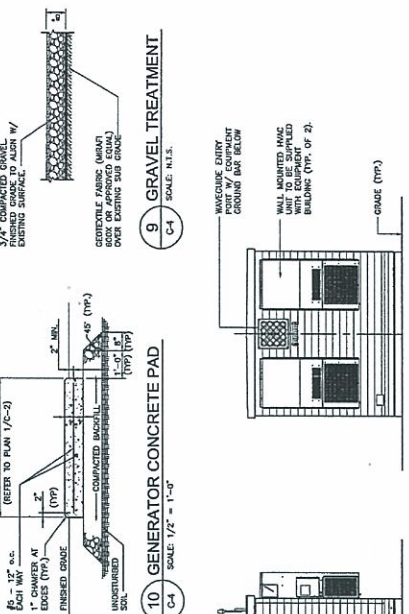
4 EQUIPMENT BUILDING ELEVATION - S



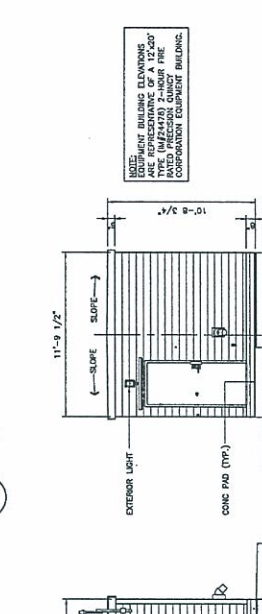
2 EQUIPMENT BUILDING ELEVATION - NORTH
C-4 SCALE: 1/4" = 1'-0"



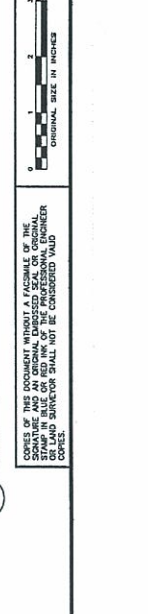
1. COMPACTED BACKFILL TO MIN. 95%
MODIFIED PROCTOR MAX. DENSITY/ASTM
D1557 METHOD C



3 EQUIPMENT BUILDING ELEVATION - EAST
C-4 SCALE: 1/4" = 1'-0"



1 **EQUIPMENT BUILDING ELEVATION - WEST**
SCALE: 1/4" = 1'-0"



A/E FIRM
URS CORPORATION AES
 500 ENTERPRISE DRIVE
 ROCKY HILL, CONNECTICUT
 1-800-529-4862

NEXTEL



NO.	DATE	ISSUED FOR	BY
1	02/08/05	REVIEW	PD
2	02/15/05	CONSTRUCTION	PD

DRAWN BY
 3462 284 (CON 050)
 RELEASE BY
 DATE 01/30/05

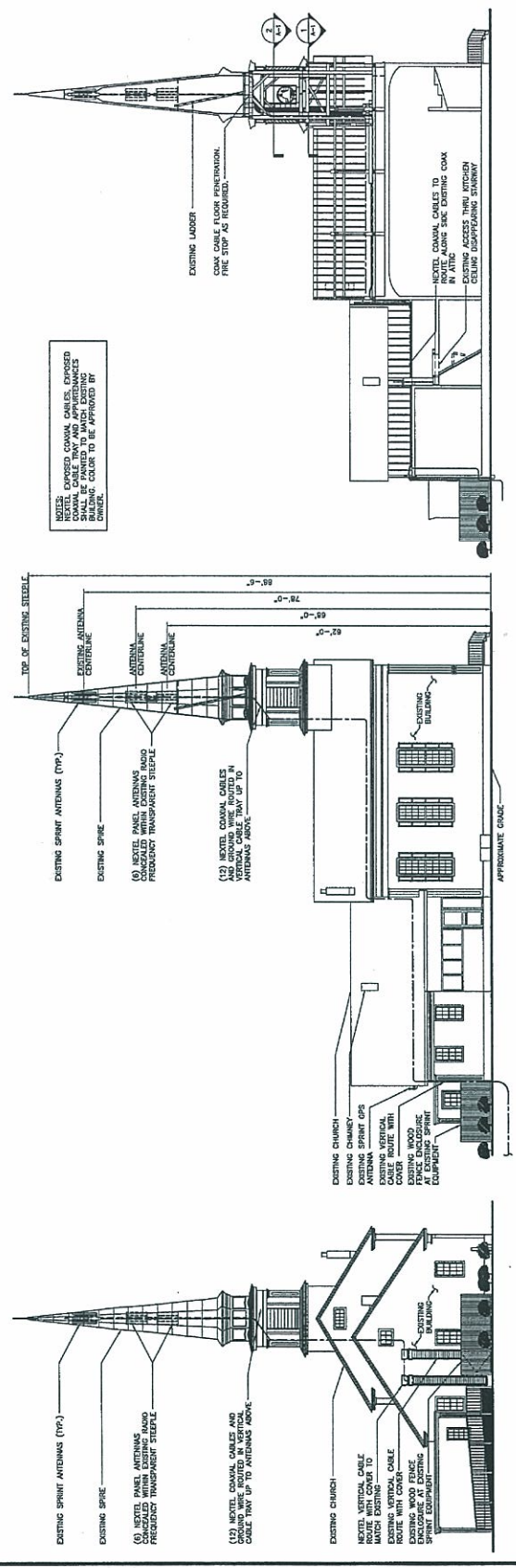
APPROVALS
 CONSTRUCTION DATE: _____
 LEAVING DATE: _____
 RF DATE: _____
 TOWNS DATE: _____
 QC DATE: _____
 NETWORK DATE: _____
 OWNER DATE: _____

NEW MILFORD NORTH
 CT-3861E
 887 KENT ROAD
 GAYLORDSVILLE, CT
 06755

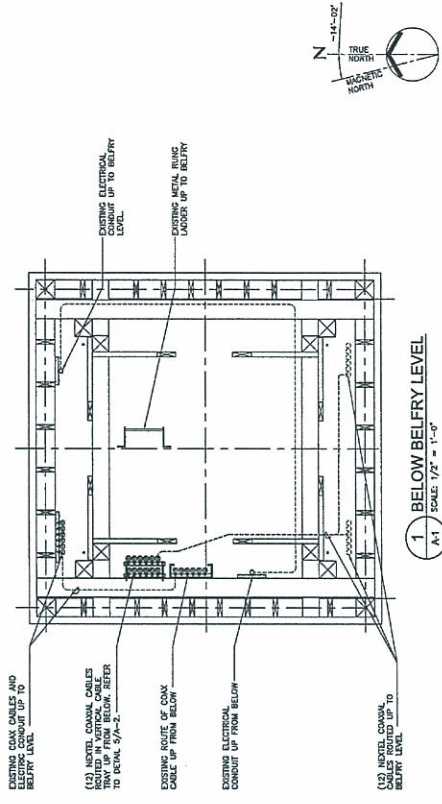
NEXTEL COMMUNICATIONS
 OF THE MID-ATLANTIC, INC.
 100 CORPORATE PLACE
 ROCKY HILL, CT 06867
 TEL: (860) 513-5144
 FAX: (860) 513-5144

BUILDING
 ELEVATION,
 SECTION AND
 PLANS
 SHEET NUMBER

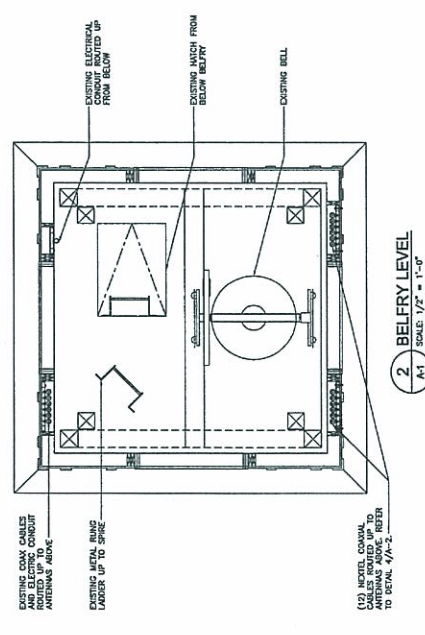
A-1



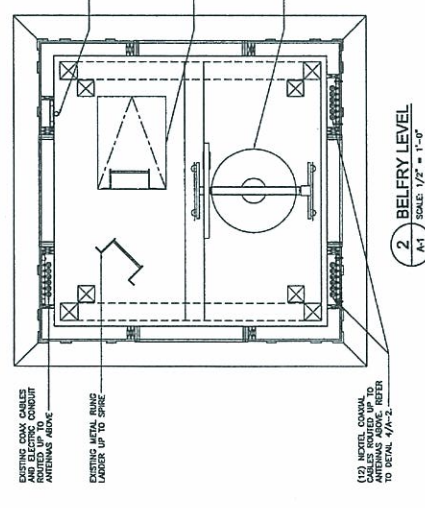
3 CROSS SECTION
 SCALE: 1" = 10'-0"



4 SOUTH ELEVATION
 SCALE: 1" = 10'-0"



5 WEST ELEVATION
 SCALE: 1" = 10'-0"



COPIES OF THIS DOCUMENT WITHOUT A FACSIMILE OF THE
 SIGNATURE AND AN ORIGINAL EMBOSSED SEAL OR ORIGINAL
 SIGNATURE OF THE ENGINEER OR LAND SURVEYOR SHALL NOT BE CONSIDERED VALID
 COPIES.

NEXTEL RF SYSTEM SCHEDULE

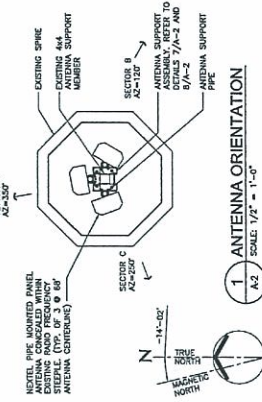
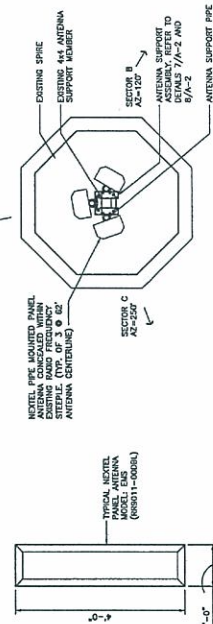
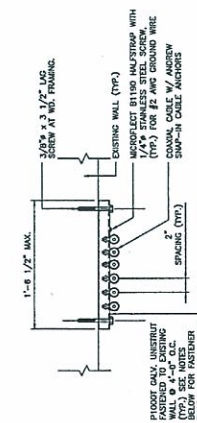
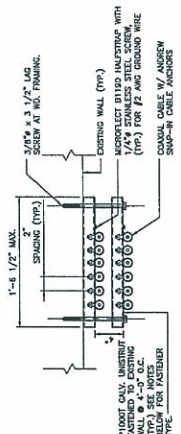
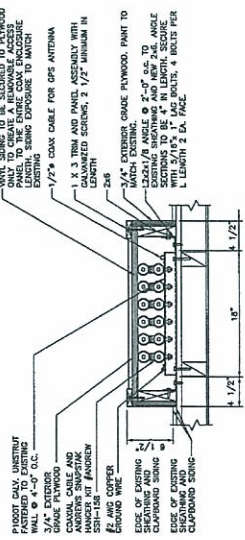
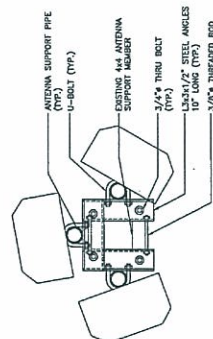
SECTOR	ANTENNA	AZIMUTH	MECHANICAL/ELECTRONIC DOWNLINK	RAD. CTR. DOWNLINK FT. AL.	MAKE	MODEL	FEED	COAX SIZE, IN.	COAX MODEL #	LENGTH, FT.
A	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
A	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
B	II 8/A	129°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
B	II 8/A	129°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
C	III 8/A	250°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
C	III 8/A	250°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
D	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
D	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
E	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
E	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
F	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
F	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
G	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
G	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
H	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
H	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
I	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
I	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
J	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
J	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
K	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
K	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
L	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
L	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
M	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
M	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
N	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
N	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
O	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
O	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
P	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
P	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
Q	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
Q	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
R	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
R	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
S	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
S	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
T	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
T	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
U	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
U	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
V	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
V	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
W	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
W	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
X	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
X	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
Y	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
Y	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
Z	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
Z	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AA	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AA	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AB	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AB	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AC	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AC	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AD	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AD	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AE	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AE	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AF	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AF	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AG	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AG	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AH	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AH	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AI	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AI	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AL	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AL	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AM	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AM	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AN	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AN	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AO	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AO	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AP	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AP	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AQ	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AQ	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AR	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AR	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AS	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AS	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AT	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AT	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AV	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AV	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AW	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AW	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AX	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AX	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AY	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AY	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AZ	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
AZ	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BA	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BA	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BB	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BB	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BC	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BC	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BD	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BD	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BE	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BE	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BF	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BF	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BG	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BG	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BH	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BH	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BI	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BI	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BJ	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BJ	I 8/A	350°	0°	68'-0"	RFS	APW0805S13-C	BOTTOM	(2) 1 1/4"	ANDREW LRF6-50	250'
BK	I 8/A	350°	0°	68						

1. COAX CABLE LENGTHS ARE ESTIMATES. CONTRACTOR SHALL VERIFY IN FIELD.

2. MINIMUM SEPARATION BETWEEN OPS ANTENNAS IS 4'. INSTALL OPS FOR SOUTHERN EXPOSURE AND REGIONAL SNOW DEPTH.

3. ALL ANTENNAS TO BE FURNISHED WITH MECHANICAL DOWN TILT BRACKETS. ANTENNA DOWN TILT SHALL BE SET AND VERIFIED BY A SMART LEVEL.

4. OPS ANTENNAS SHALL BE MOUNTED 2'-0" ABOVE THE HOTEL EQUIPMENT BUILDING. REFER TO 1/C-1 FOR LOCATION.



1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

URS CORPORATION AES
500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-(800) 529-8882

NEXTEL



NO.	DATE	REVISION
1	08/06	DESIGN FOR
2	08/10	REVISION
3	08/10	REVISION
4	08/10	REVISION
5	08/10	REVISION
6	08/10	REVISION
7	08/10	REVISION
8	08/10	REVISION
9	08/10	REVISION
10	08/10	REVISION

APPROVALS	
CONSTRUCTION	DATE
LOADING	DATE
REF	DATE
ZONING	DATE
OC	DATE
NETWORK ENG	DATE
OWNER	DATE

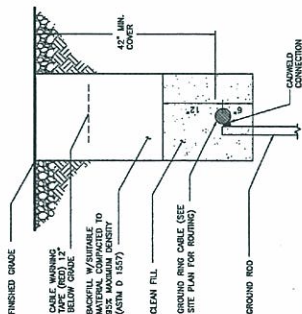
NEW MILFORD NORTH
CT-3861E
687 KENT ROAD
GAYLORDSVILLE, CT
06755

NEXTEL COMMUNICATIONS
100 CONVENT ROAD
ROCKY HILL, CT 06865
OFFICE: (860) 513-5400
FAX: (860) 513-5444

RISER DIAGRAM
NOTES AND
DETAILS

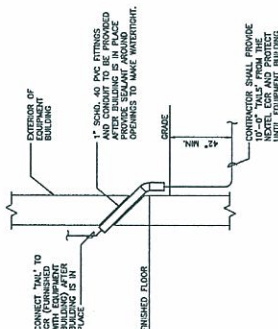
SHEET NUMBER

E-2

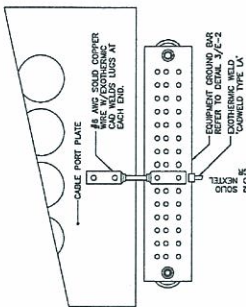


- NOTES:**
1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
 2. GROUND ANTERNA VIBRATES. REVERSE GRADE ANTERNA AS REQUIRED TO MATCH EXISTING.

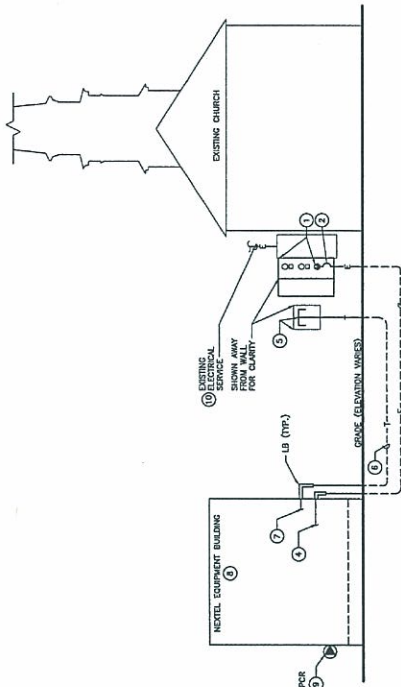
6 TYPICAL EGR DETAIL
E-2 SCALE N.T.S.



5 TYPICAL EXT./INT. GROUNDING CONNECTION
E-2 SCALE N.T.S.

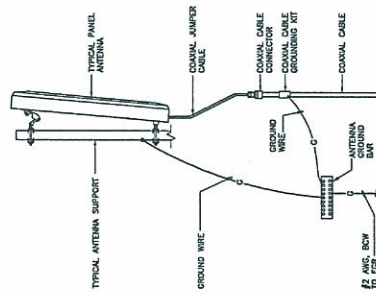


4 EXTERNAL GROUND BAR LUG CONNECTION
E-2 SCALE N.T.S.

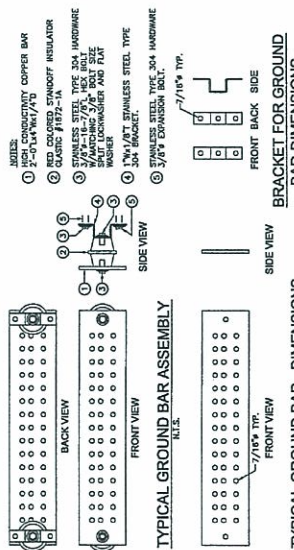


RISER NOTES:

1. PROVIDE 2\"/>
- 2. PROVIDE 2\"/>
- 3. PROVIDE 2\"/>
- 4. PROVIDE 2\"/>
- 5. PROVIDE 2\"/>
- 6. PROVIDE 2\"/>
- 7. PROVIDE 2\"/>
- 8. PROVIDE 2\"/>
- 9. PROVIDE 2\"/>
- 10. PROVIDE 2\"/>



2 TYPICAL ANTENNA GROUNDING DETAIL
E-2 SCALE N.T.S.



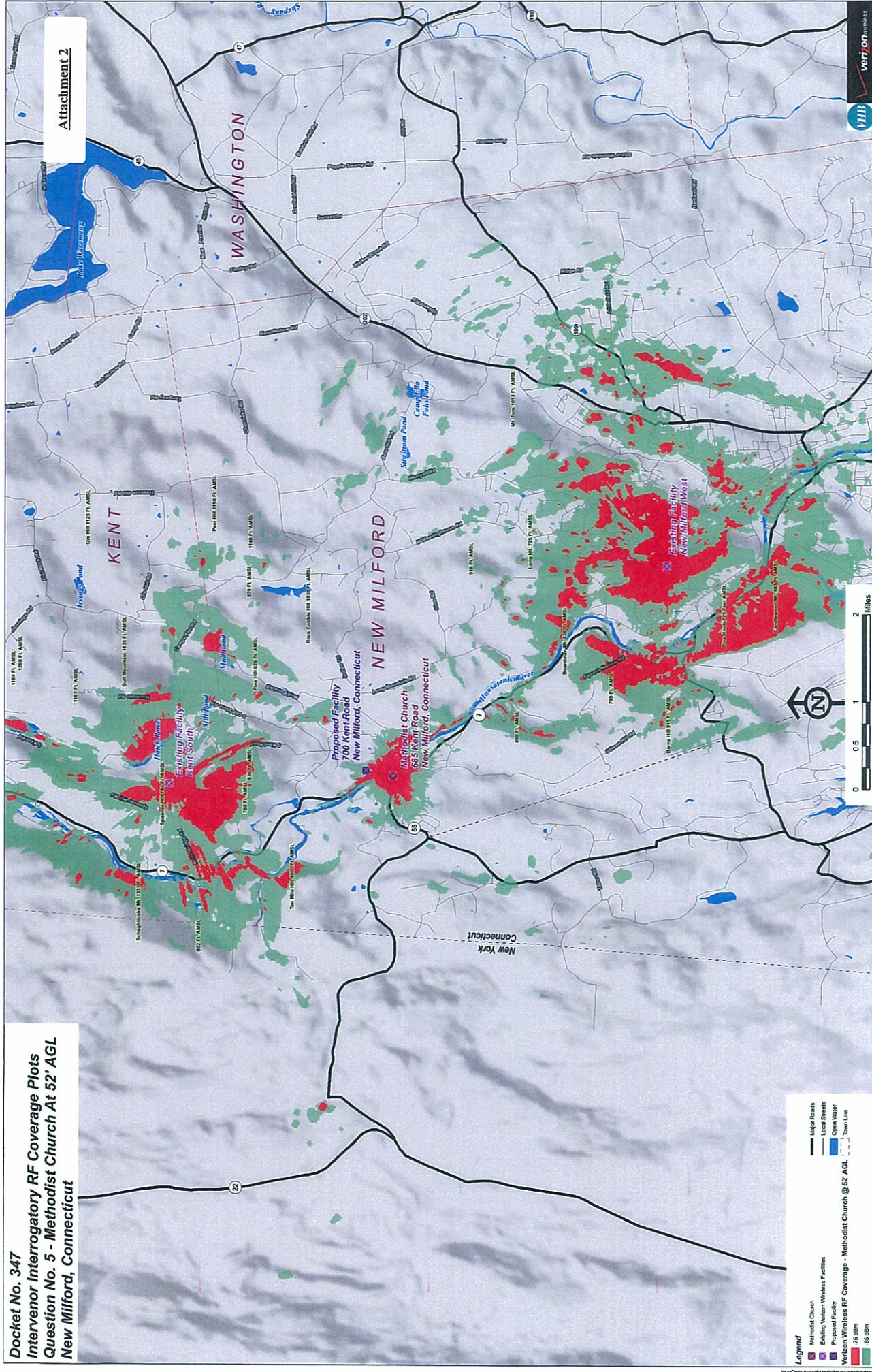
3 EQUIPMENT MASTER GROUND BAR DETAILS
E-2 SCALE N.T.S.



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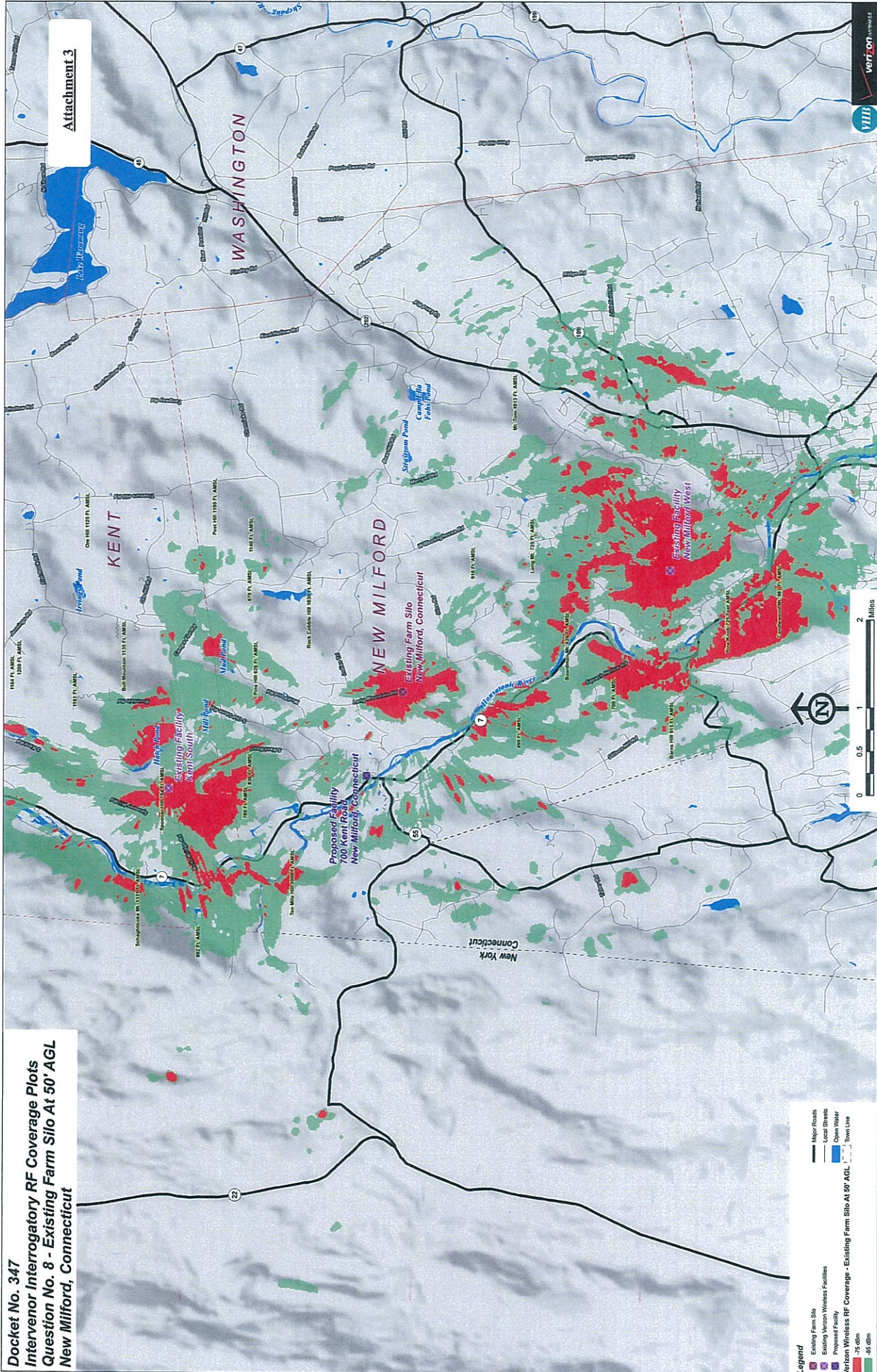
Docket No. 347
Intervenor Interrogatory RF Coverage Plots
Question No. 5 - Methodist Church At 52' AGL
New Milford, Connecticut

Attachment 2



Legend

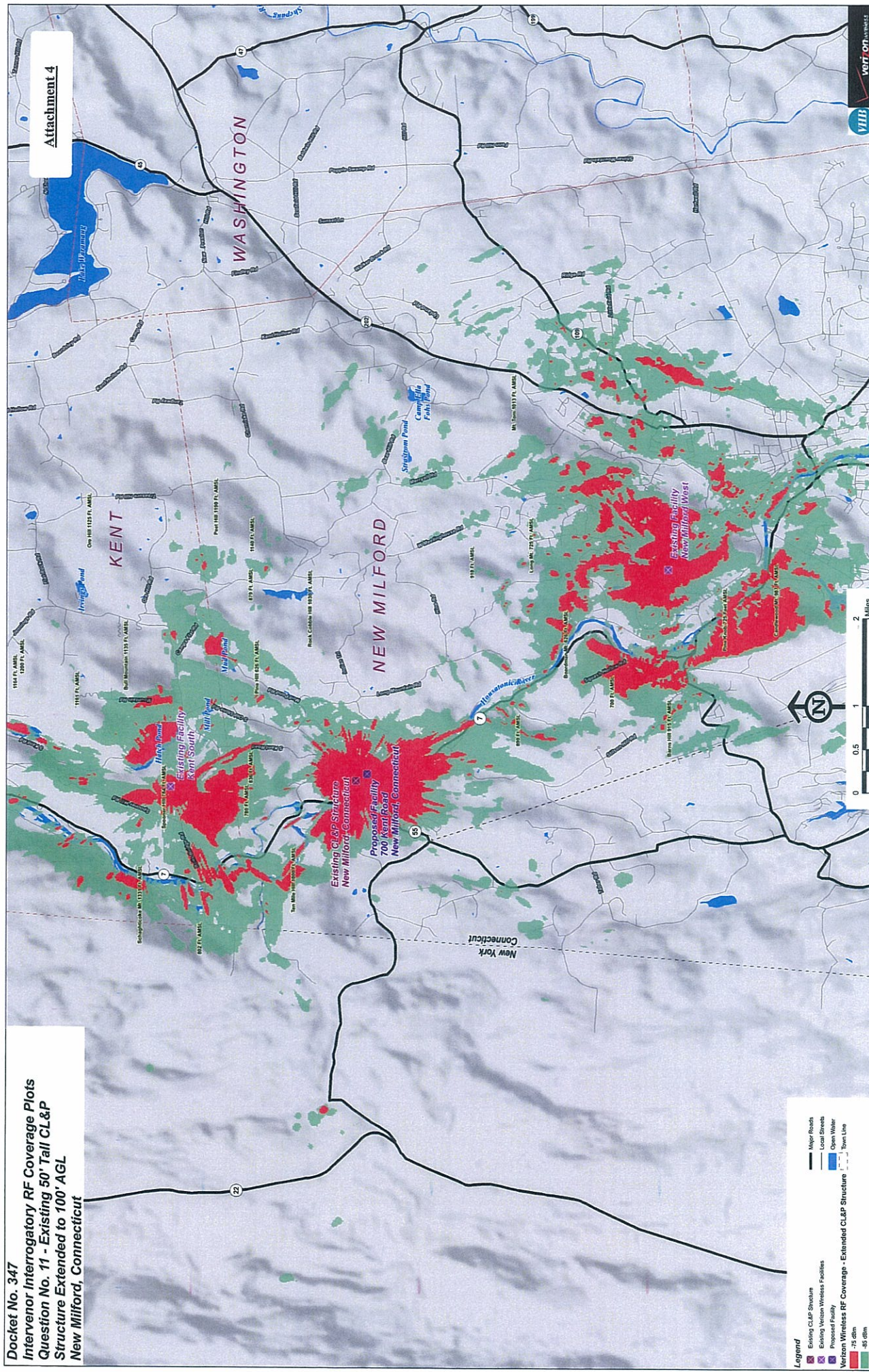
- Methodist Church
- Existing Verizon Wireless Facilities
- Proposed Facility
- Verizon Wireless RF Coverage - Methodist Church @ 52' AGL
- 75 dBm
- 65 dBm
- Major Roads
- Local Streets
- Open Water
- Town Line



Legend

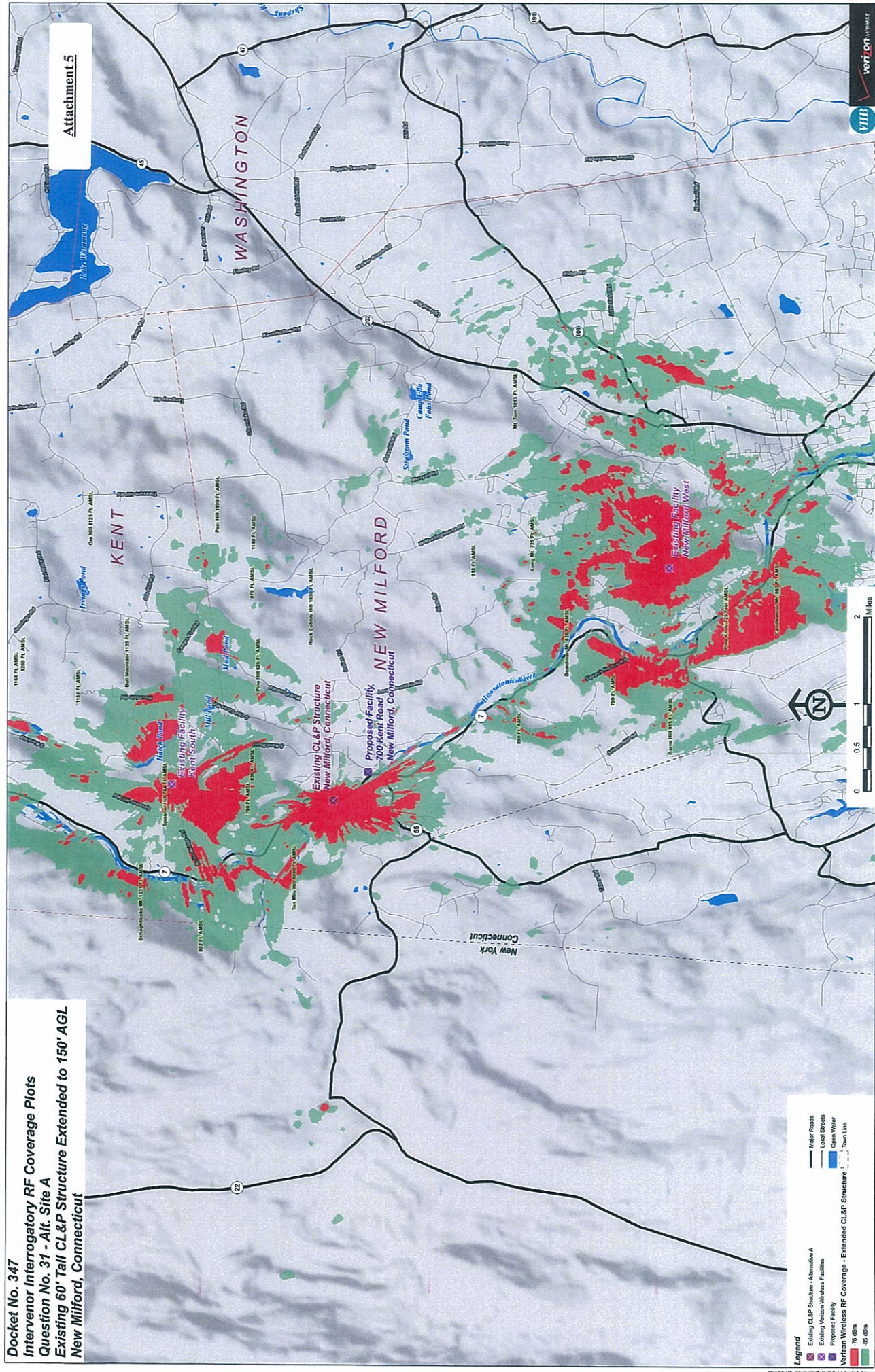
- Existing Farm Silo
- Existing Verizon Wireless Facilities
- Proposed Facility
- Verizon Wireless RF Coverage - Existing Farm Silo At 50' AGL
- Verizon Wireless RF Coverage - Existing Farm Silo At 50' AGL

0 0.5 1 2 Miles



Docket No. 347
 Intervenor Interrogatory RF Coverage Plots
 Question No. 31 - Alt. Site A
 Existing 60' Tall CL&P Structure Extended to 150' AGL
 New Milford, Connecticut

Attachment 5



Legend

- Existing CL&P Structure - Alternative A
- Existing Verizon Wireless Facilities
- Proposed Facility
- Verizon Wireless RF Coverage - Extended CL&P Structure
- 75 dBm
- 45 dBm
- Major Roads
- Local Streets
- Open Water
- Town Line

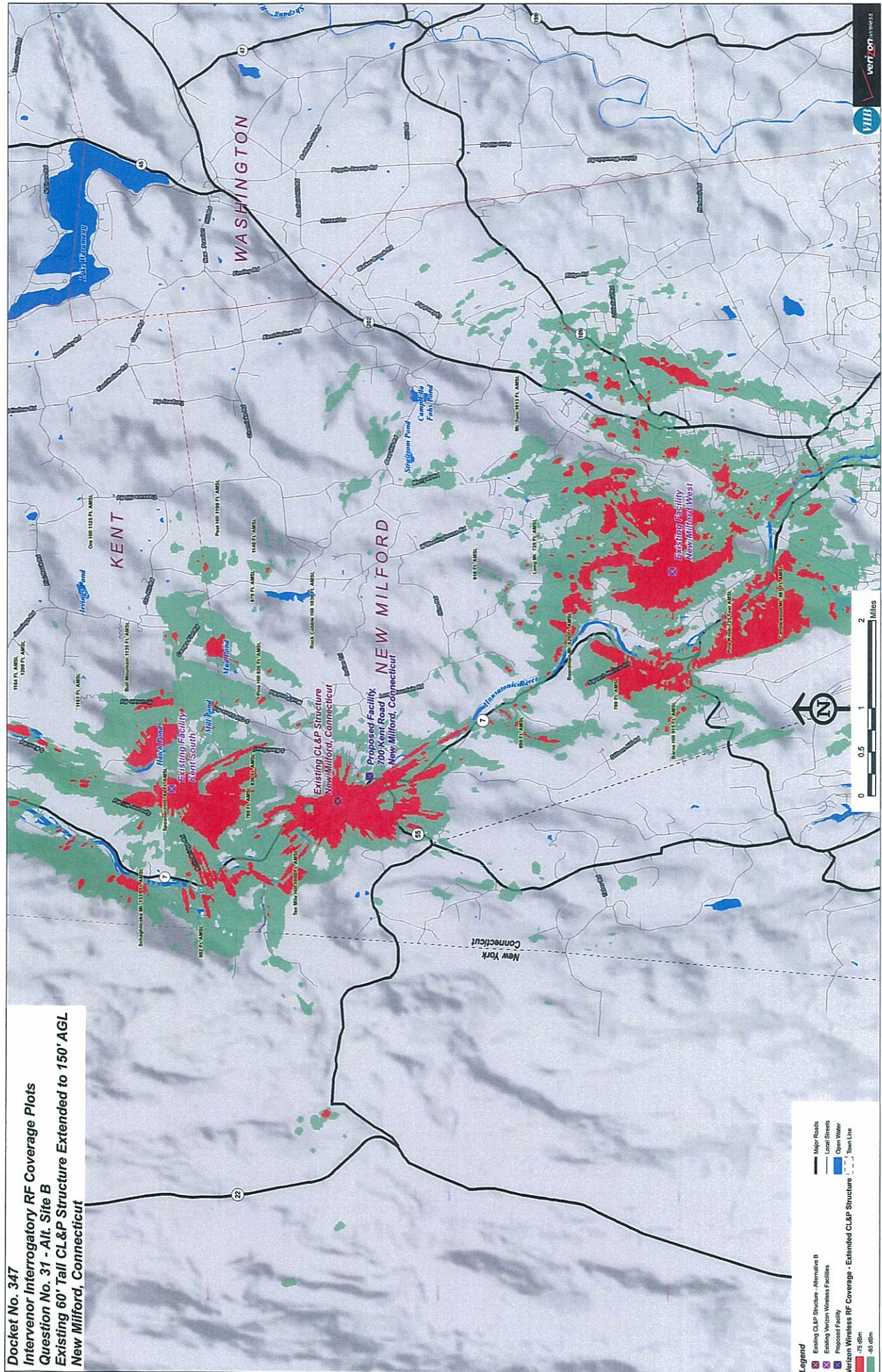
0 0.5 1 2 Miles

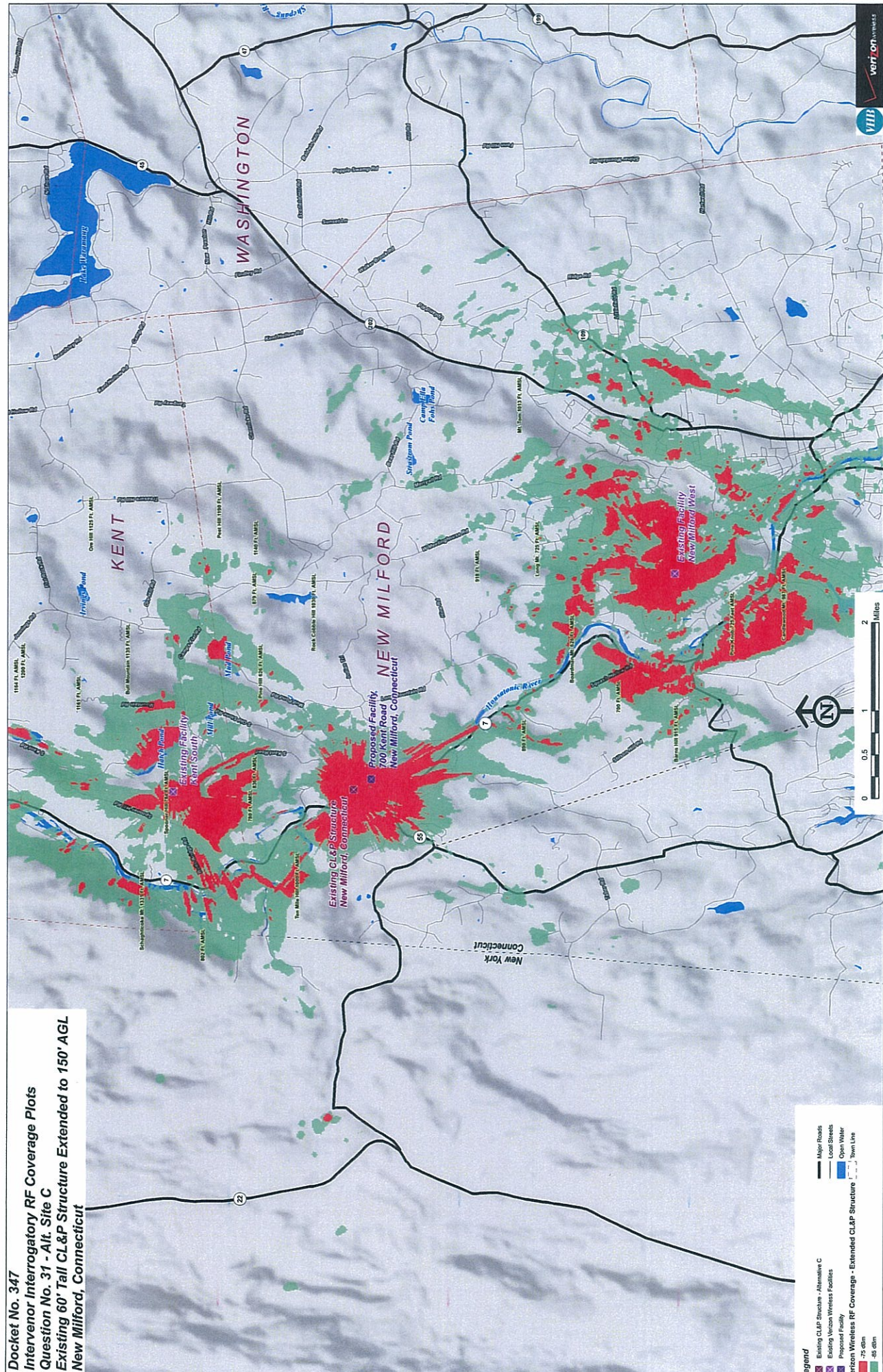


VIII

verizon

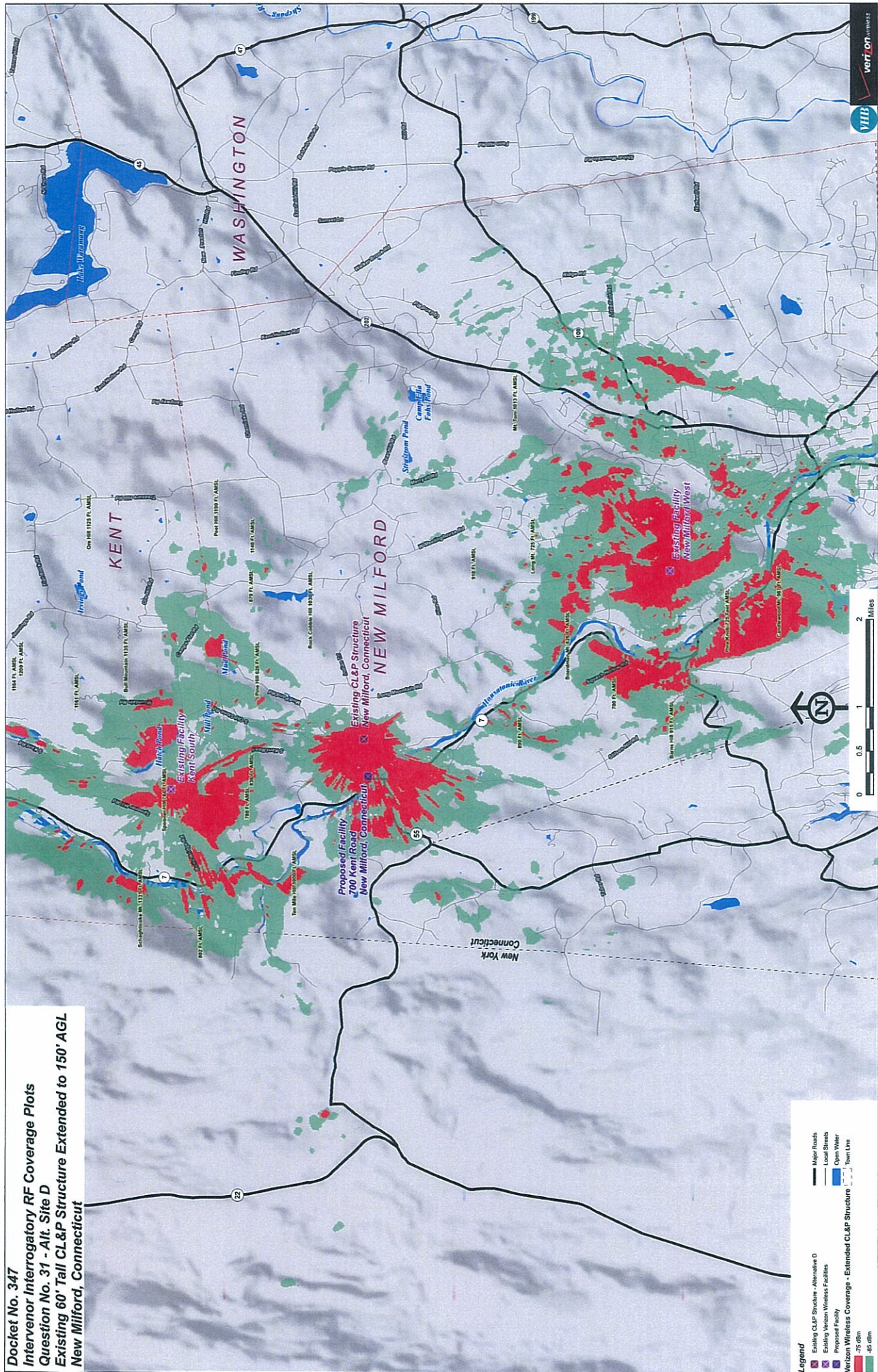
Docket No. 347
 Intervenor Interrogatory RF Coverage Plots
 Question No. 31 - Alt. Site B
 Existing 60' Tall CL&P Structure Extended to 150' AGL
 New Milford, Connecticut



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Legend

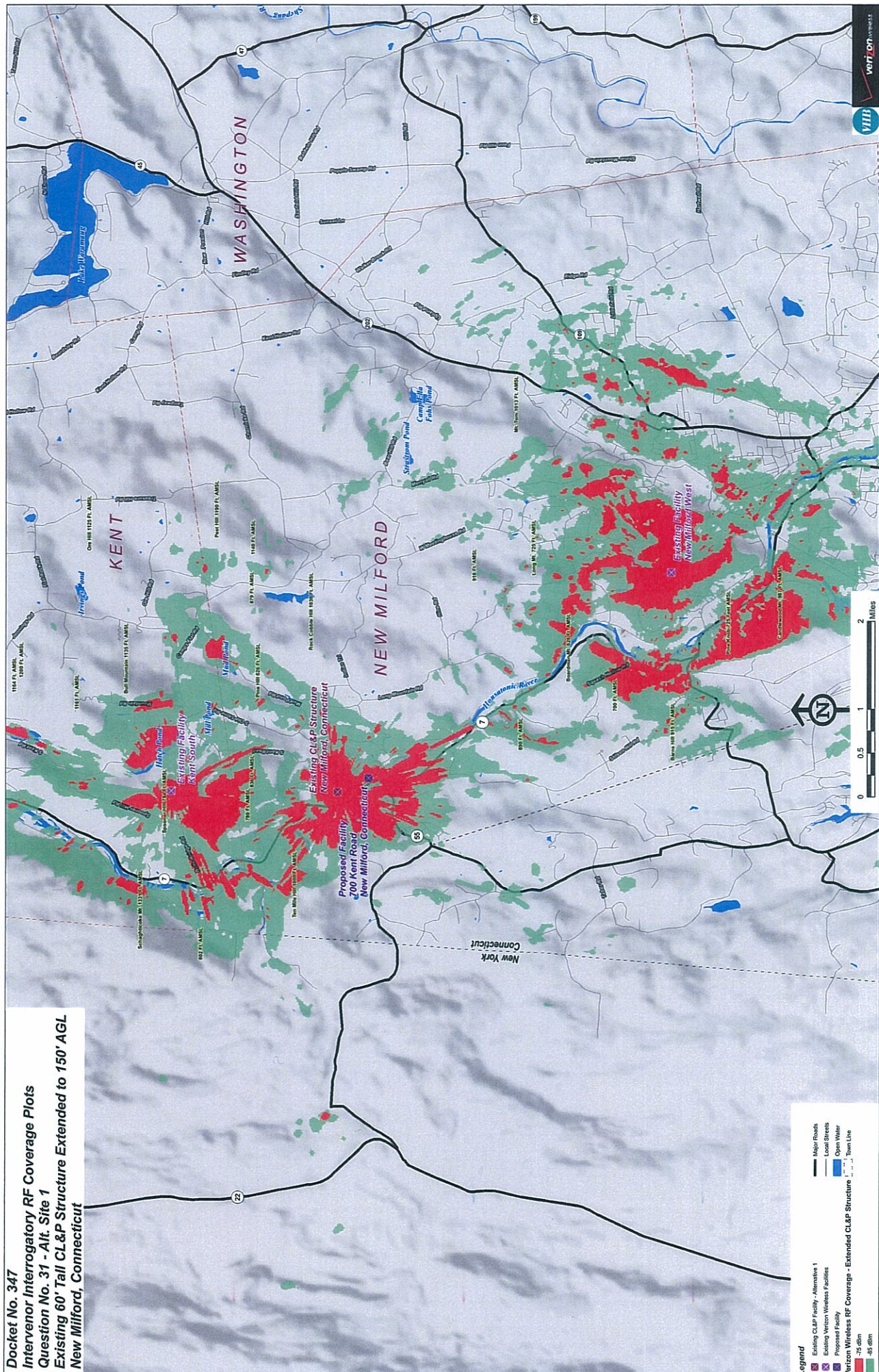
- Existing CLIP Structure - Alternative C
- Existing Verizon Wireless Facilities
- Proposed Facility
- Verizon Wireless RF Coverage - Extended CLIP Structure
- Major Roads
- Local Streets
- Open Water
- Town Line
- 75 dBm
- 65 dBm

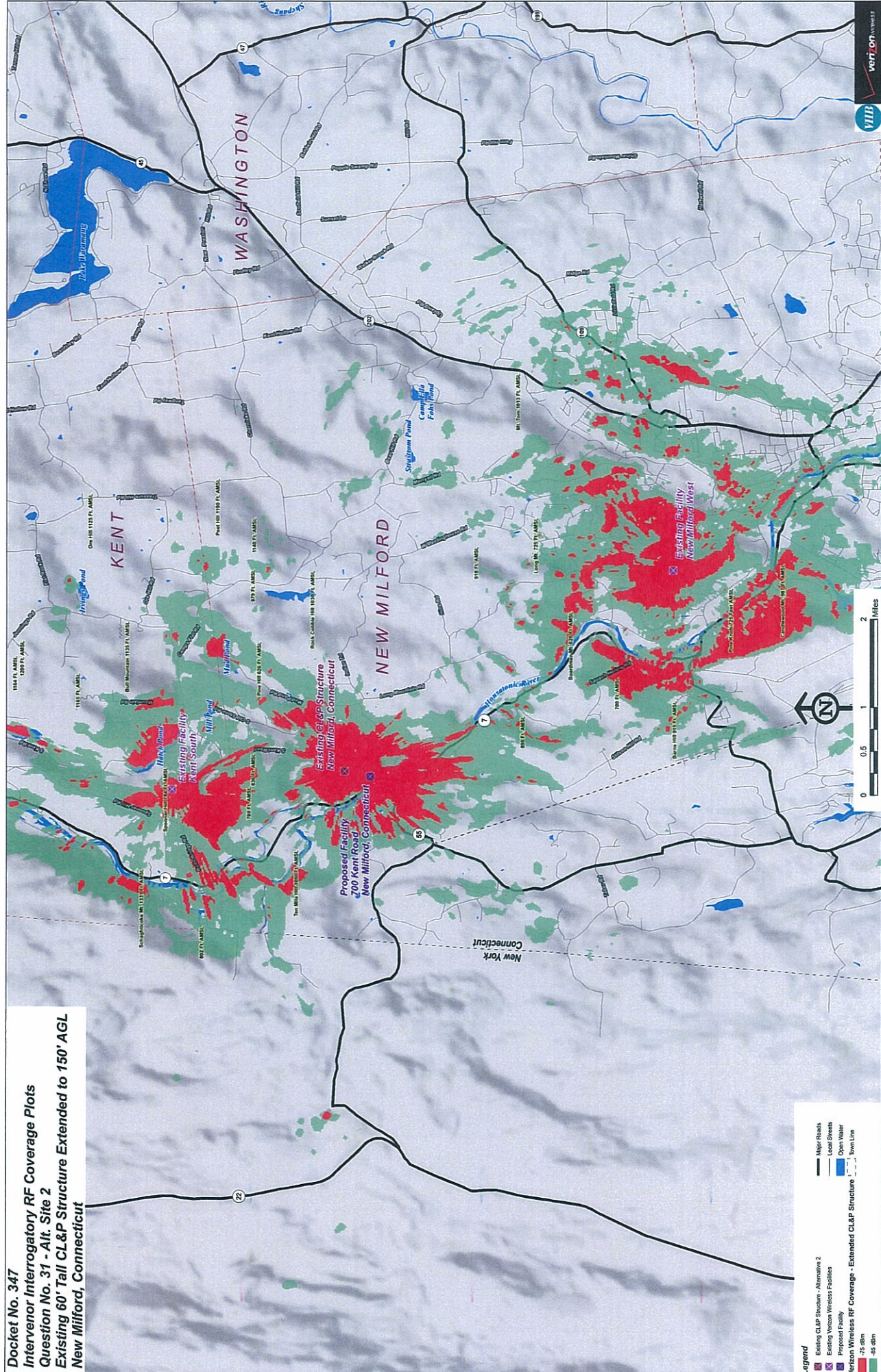


Docket No. 347
Intervenor Interrogatory RF Coverage Plots
Question No. 31 - Alt. Site D
Existing 60' Tall CL&P Structure Extended to 150' AGL
New Milford, Connecticut

- Legend**
- Existing CL&P Structure - Alternative D
 - Existing Verizon Wireless Facilities
 - Proposed Facility
 - Verizon Wireless Coverage - Extended CL&P Structure
 - 25 dBm
 - 45 dBm
 - Major Roads
 - Local Streets
 - Open Water
 - Topo Line

Docket No. 347
 Intervenor Interrogatory RF Coverage Plots
 Question No. 31 - Alt. Site 1
 Existing 60' Tall CL&P Structure Extended to 150' AGL
 New Milford, Connecticut



[illegible]

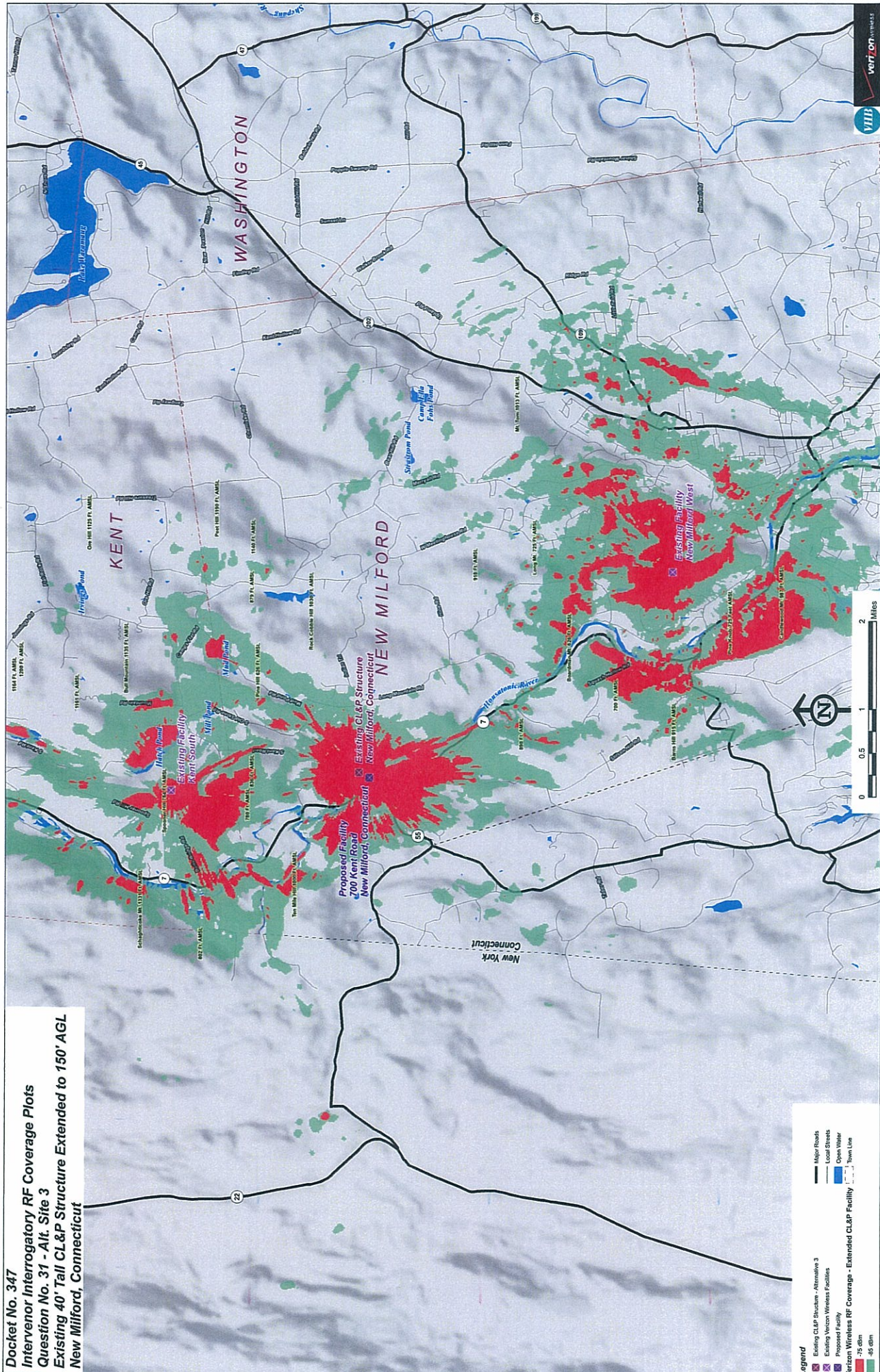
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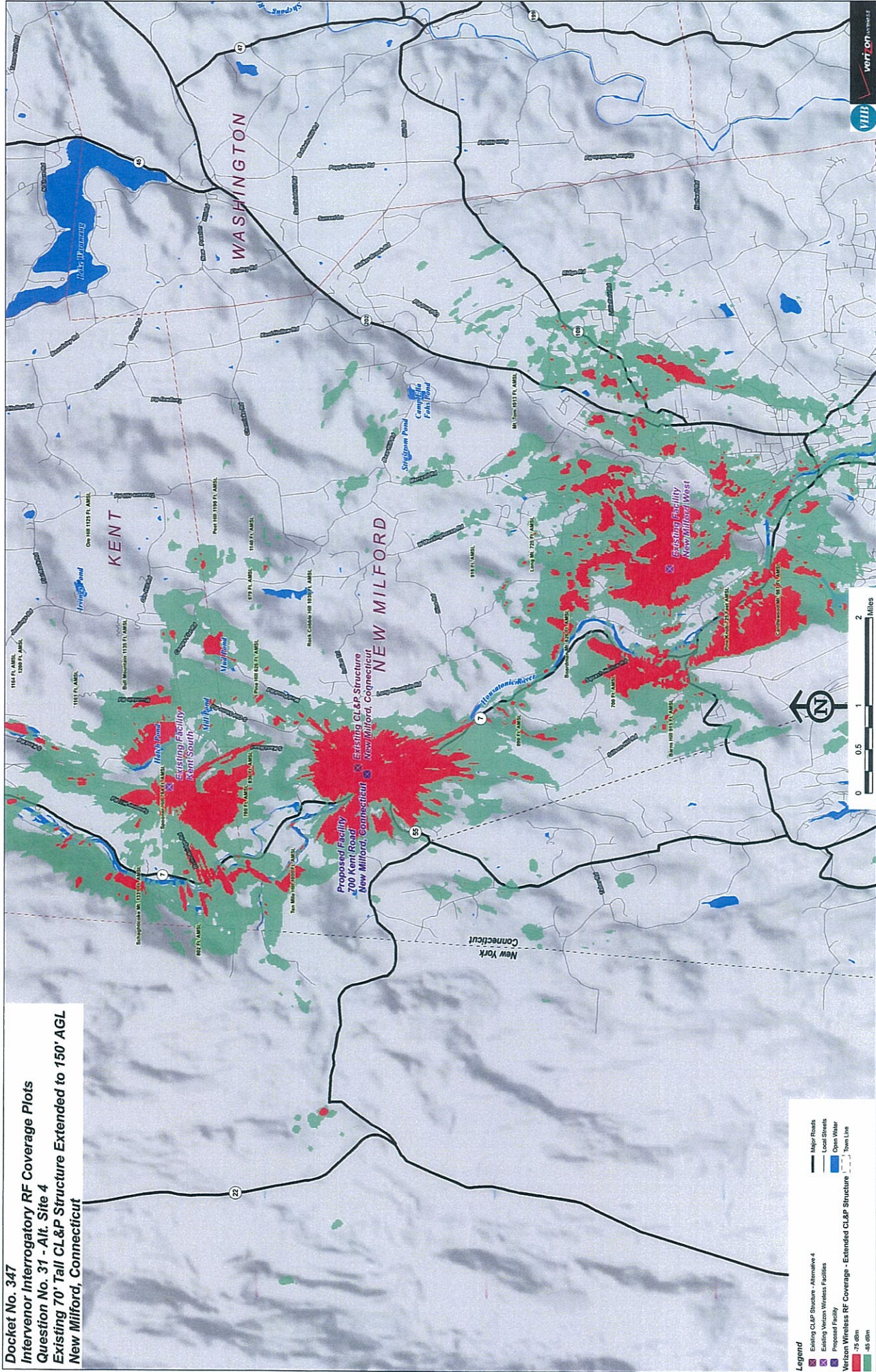
- Existing CL&P Structure - Alternative 2
- Existing Verizon Wireless Facilities
- Proposed Facility
- Verizon Wireless RF Coverage - Extended CL&P Structure

Major Roads
Local Streets
Open Water
Town Line

75 dBm
-55 dBm

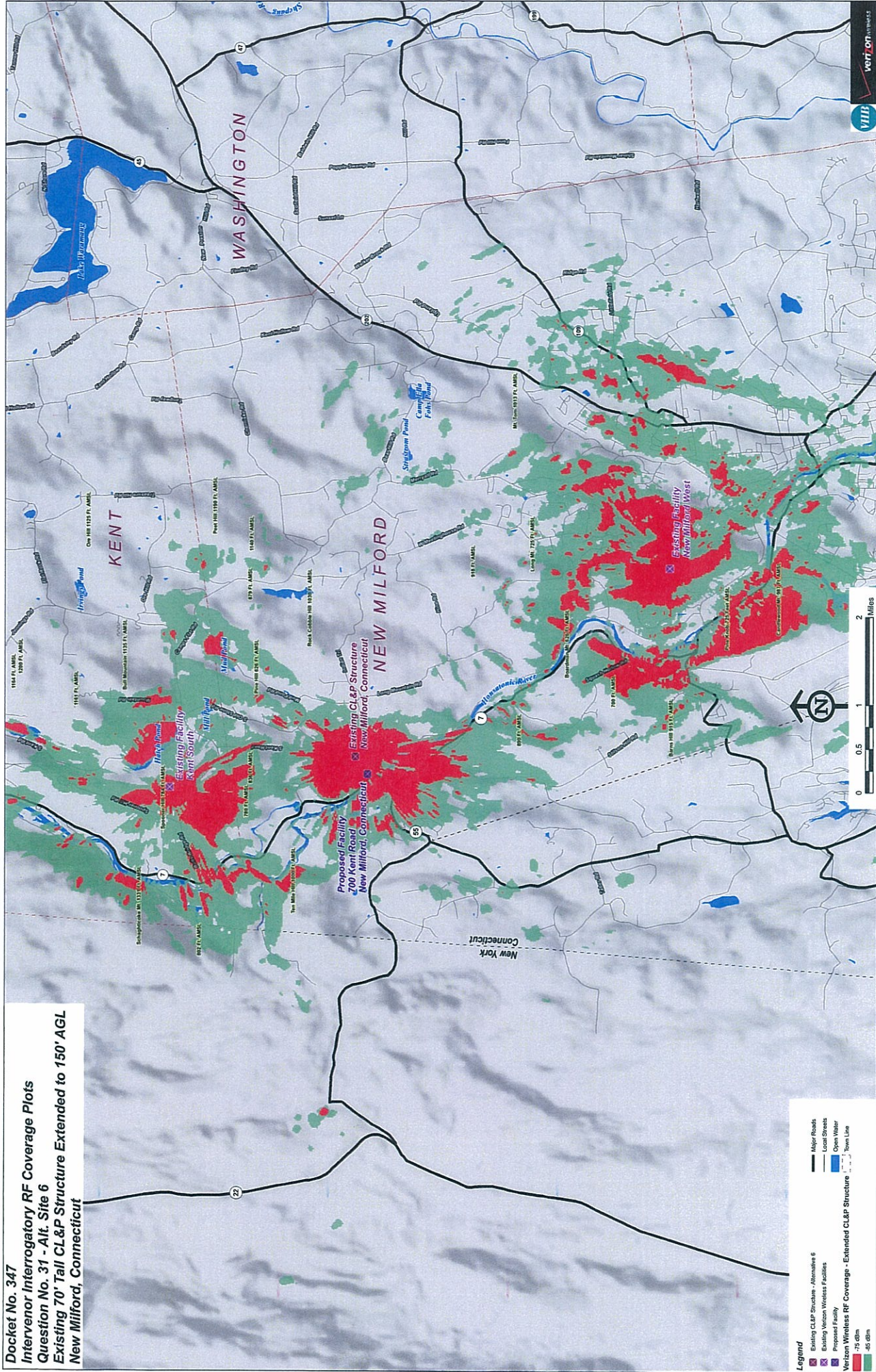
Docket No. 347
Intervenor Interrogatory RF Coverage Plots
Question No. 31 - Alt. Site 3
Existing 40' Tall CL&P Structure
Extended to 150' AGL
New Milford, Connecticut



[illegible]

Legend

- Existing CLAP Structure - Alternative 4
- Existing Verizon Wireless Facilities
- Proposed Facility
- Major Roads
- Local Streets
- Open Water
- Town Line
- Verizon Wireless RF Coverage - Extended CLAP Structure
- 75 dBm
- 65 dBm

[illegible]

Legend

- Existing CLAP Structure - Alternative 6
- Existing Verizon Wireless Facilities
- Proposed Facility
- Major Roads
- Local Streets
- Open Water
- Town Line
- CLAP Structure
- Verizon Wireless RF Coverage - Extended CLAP Structure
- 75 dBm
- 65 dBm

CELLCO PARTNERSHIP
DBA
verizon wireless

UNS CORPORATION
500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-800-529-4442



PROJECT NO: 35930980
JOB NO: VZ1-164703
DRAWN BY: KAP
CHECKED BY:

ISSUED FOR	
0	08-21-06 ISING CONVE.
1	08-28-06 ISING CONVE.
2	09-05-06 ISING CONVE.
3	08-29-07 ISING CONVE.
4	08-30-07 ISING CONVE.
5	12-11-07 ISING CONVE.

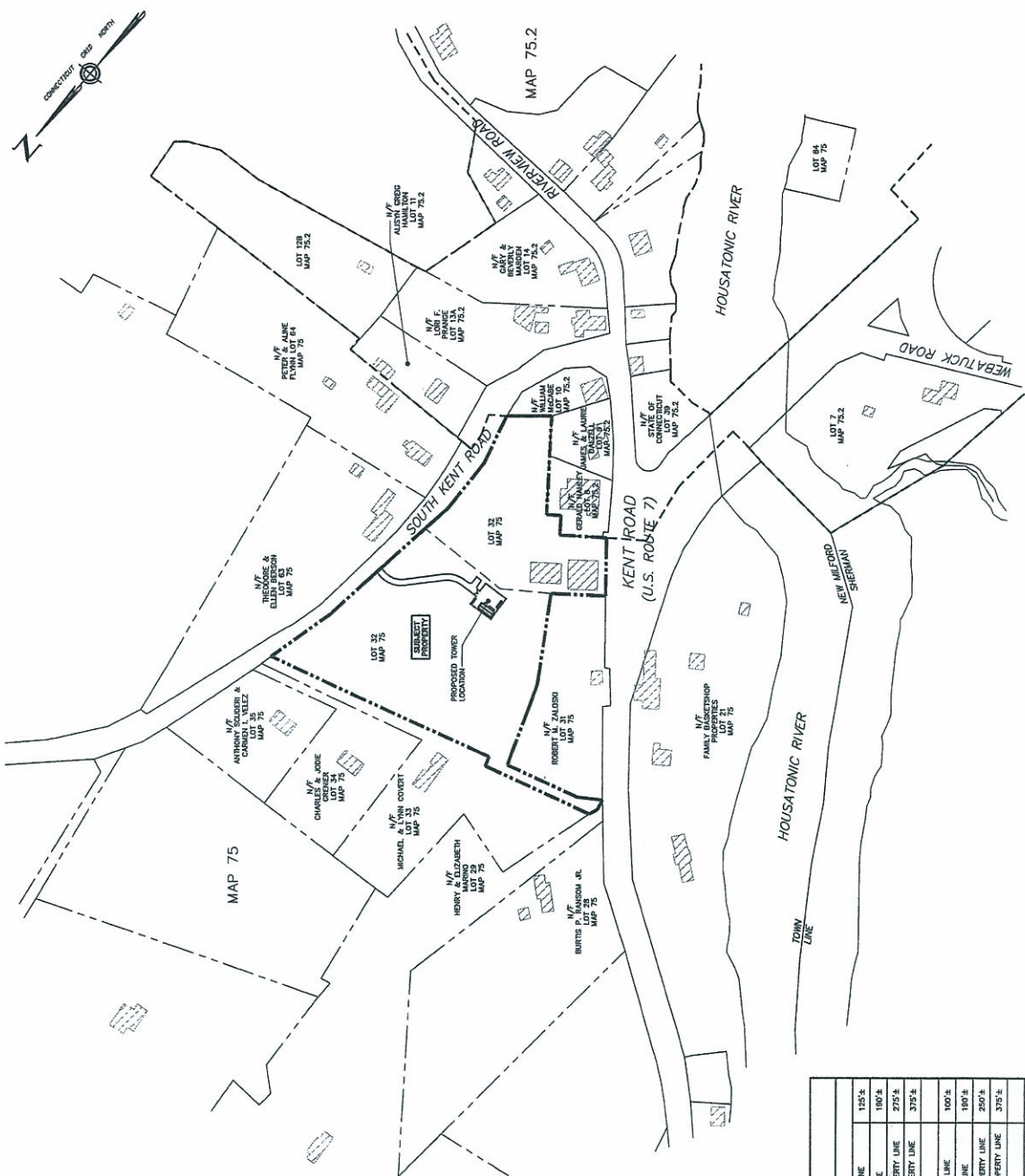
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DBA
VERIZON WIRELESS

NEW MILFORD
NORTHWEST
700 KENT ROAD/
1500 KENT ROAD
NEW MILFORD, CT

SCALE: AS NOTED

ABUTTERS
MAP

AB-1



SETBACK TABLE	
TOWER SETBACKS:	
FRONT YARD TOWER SETBACK TO PROPERTY LINE	125'±
REAR YARD TOWER SETBACK TO PROPERTY LINE	180'±
SIDE YARD TOWER SETBACK TO NORTH PROPERTY LINE	275'±
SIDE YARD TOWER SETBACK TO SOUTH PROPERTY LINE	375'±
EQUIPMENT SHELTER SETBACKS:	
FRONT YARD SHELTER SETBACK TO PROPERTY LINE	180'±
REAR YARD SHELTER SETBACK TO PROPERTY LINE	180'±
SIDE YARD SHELTER SETBACK TO NORTH PROPERTY LINE	250'±
SIDE YARD SHELTER SETBACK TO SOUTH PROPERTY LINE	375'±
PROPANE TANK SETBACKS:	
FRONT YARD TANK SETBACK TO PROPERTY LINE	80'±
REAR YARD TANK SETBACK TO PROPERTY LINE	200'±
SIDE YARD TANK SETBACK TO NORTH PROPERTY LINE	175'±
SIDE YARD TANK SETBACK TO SOUTH PROPERTY LINE	370'±

