

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:	:	
	:	
APPLICATION OF CELLCO PARTNERSHIP	:	DOCKET NO. 355
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 359	:	
LITCHFIELD ROAD IN NEW MILFORD,	:	
CONNECTICUT	:	FEBRUARY 29, 2008

RESPONSES OF CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS
TO CONNECTICUT SITING COUNCIL PRE-HEARING INTERROGATORIES

On February 8, 2008, the Connecticut Siting Council (“Council”) issued Pre-Hearing Interrogatories to the Applicant, Cellco Partnership d/b/a Verizon Wireless (“Cellco”), relating to the above-captioned docket. Below are the Cellco’s responses.

Question No. 1

Did Cellco receive return receipts for all adjacent landowners listed in Application Attachment 5? If not, describe any additional effort to serve notice.

Response

Cellco received return receipts from eight (8) of the ten (10) abutting landowners listed behind Tab 5 of the Application. The letter sent to Gardner Construction was returned marked “refused”. The abutters notice letter was resent to Gardner Construction by regular mail on December 12, 2007. The abutters letter to Lawrence Dawson was returned marked “Forwarding Order Expired”. Cellco contacted the New Milford Tax Collector’s office and confirmed that

Mr. Dawson was still the owner of the property at 8 Bittersweet Bluff. The Tax Assessor's Office did not have an alternative mailing address for Mr. Dawson.

Question No. 2

When did Cellco first establish a search area for the proposed site? Provide a diagram depicting the initial search ring.

Response

The New Milford NE search area was established in June of 2004. A copy of the New Milford NE search area map is attached behind Tab 1 of these responses.

Question No. 3

Would blasting be required for the construction of the proposed site?

Response

Based on a geotechnical survey completed at the property, Cellco does not anticipate the need for blasting at this site. If rock does need to be removed, methods other than blasting would be utilized.

Question No. 4

What is Cellco's minimum signal level threshold for in-building and in-vehicle use?

Response

Cellco's minimum signal level threshold for reliable wireless service is -75 dBm for in-building use and -85 dBm for in-vehicle use.

Question No. 5

Did Cellco perform a site drive test or base line drive test for the area? If yes, please provide.

Response

Cellco did not perform a site drive test at this proposed cell site location, but did rely on its baseline drive data to fine-tune the propagation modeling tool used to produce the plots included in the Application and submitted in response to these interrogatories.

Question No. 6

Does Cellco currently use fuel cells as back up generators at any of its Connecticut tower sites? If yes, identify such sites.

Response

No.

Question No. 7

Does Cellco plan to use a fuel cell at the proposed site or have any plans to install a fuel cell at any existing or future sites in Connecticut?

Response

Cellco has no current plans to use fuel cells as a back-up power source at any existing or proposed cell sites in Connecticut.

Question No. 8

Provide a site plan that depicts the site parcel, abutting parcels, and tower radius.

Response

A set of revised project plans are attached behind Tab 2. Plan Sheet C-1A depicts the 150-foot tower radius as well as a 60-foot fall radius. This 60-foot radius assumes that the tower would be designed with an engineered yield point, thereby assuring that the “fall zone” would remain within the subject parcel.

Question No. 9

Is the site within a flood zone?

Response

No portion of the Northville Volunteer Fire Department property is in a flood zone.

Question No. 10

Please respond to the January 16, 2008 correspondence from the Town's Wetlands Enforcement Officer.

Response

- Generally, the proposed development will not generate significant increase in stormwater run-off. There will be an increase in run-off co-efficients of the ground cover types since developed areas will change from forested to gravel surfaces. Comprehensive Stormwater Drainage Calculations (Pre and Post Construction) will be performed and incorporated into final Development and Management (D&M) Plans, if the Cellco tower site is approved. This analysis will be utilized to identify the design measures required to mitigate adverse stormwater drainage conditions.
- In addition to the drainage calculations mentioned above, a test pit would likely be required in order to design a retention basin. Again, typically work proposed and performed at the D&M Plan phase of the project. We do not believe any such retention/detention structure is necessary.
- Sufficient drainage will be incorporated into the retaining wall design.
- Any diversion of water flow due to site development would be minimal. The drainage analysis which would be completed if the site is approved, would reveal

the difference between pre and post-construction conditions to determine if the slight increase in flows to the nearby watercourse are a concern.

- The compound cannot be shifted 40 feet to the south without extending required grading and drainage controls onto the abutting property. As proposed, the area of disturbance (grading, etc.) is setback approximately 16 feet from the southern property line.

Question No. 11

Provide coverage plots, using the scale and thresholds in Application Attachment 7, that depict coverage from the following:

- a) from existing/approved Cellco sites and the proposed site at a height of 140 feet;
- b) from existing/approved Cellco sites and the Optasite location proposed in Council Docket 342 at 127 feet; and
- c) from existing/approved Cellco sites and the Optasite location proposed in Council Docket 342 at 117 feet.

Response

The plots requested are attached behind Tab 3.

Question No. 12

Describe Cellco's future plans to provide wireless coverage within a five-mile radius of the proposed site. Identify Cellco's tentative schedule to site such facilities.

Response

Cellco plans to expand its network within five miles of the proposed New Milford NE tower site and will focus on sites that will provide service along the major travel corridors, Route 202, 109 and 47. Cellco recently received Council approval for a new cell site off Mountain

Road in Washington, Connecticut (Council Docket No. 332). The Washington site, identified as Washington North on coverage plots behind Tab 7 of the Application, would connect with Cellco's proposed New Milford NE cell site. Continuing east along Route 202, Cellco will need an additional cell site to the east between its Washington North cell site and existing Litchfield SW cell site. Cellco has identified this site search area as "Washington NE". Cellco is actively pursuing a lease in this area.

To the west, the Council is currently reviewing Cellco's tower Application for a site at the Gaylordsville Volunteer Fire Department (Council Docket No. 347).

Also, within five (5) miles from the Northville Volunteer Fire Department site, Cellco is actively pursuing a lease for a site that would provide coverage along Route 199; a search area called Roxbury North. Cellco has also issued a search area called Washington East, designed to provide coverage along Route 109. Cellco is not actively pursuing leases in this search area.

CERTIFICATION

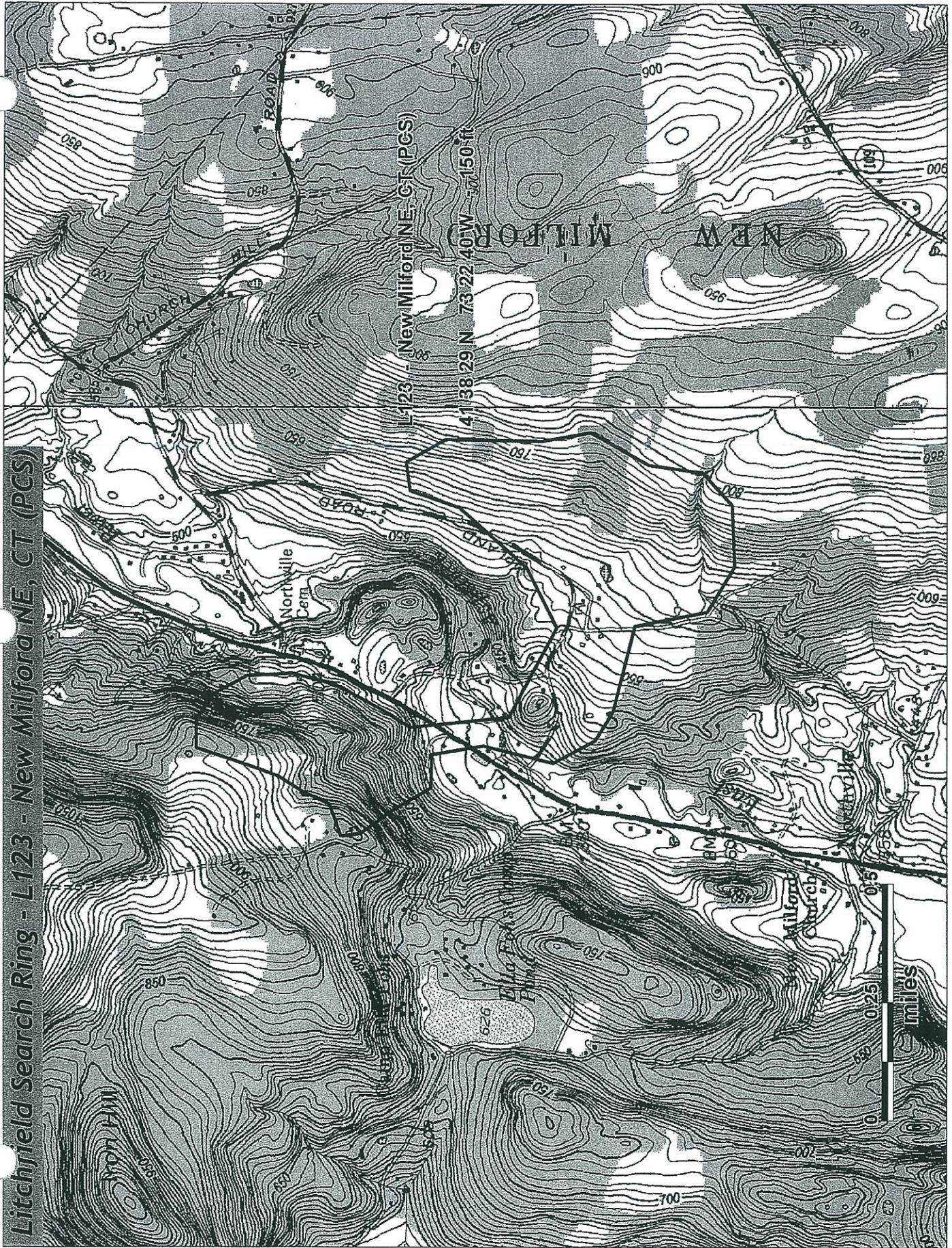
This is to certify that on this 29th day of February, 2008, a copy of the foregoing was mailed, postage prepaid, to the following:

Carrie L. Larson, Esq.
Cohen and Wolf, P.C.
1115 Broad Street
P.O. Box 1821
Bridgeport, CT 06604-4247

A handwritten signature in black ink, appearing to read "Kenneth C. Baldwin". The signature is written in a cursive style with a horizontal line at the end.

Kenneth C. Baldwin

Litchfield Search Ring - L123 - New Milford NE, CT (PCS)



Cellco Partnership

d.b.a. **verizon** wireless

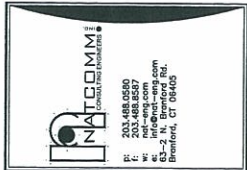
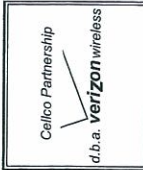
WIRELESS COMMUNICATIONS FACILITY

NEW MILFORD NORTHEAST

359 LITCHFIELD ROAD

NEW MILFORD, CT

NO.	REVISIONS
01	01/20/07 SITING COUNCIL REVIEW
02	12/29/07 SITING COUNCIL
03	12/29/07 REVISED SITING COUNCIL



NEW MILFORD NORTHEAST
359 LITCHFIELD ROAD
NEW MILFORD, CT 06776

PROJECT NO.:	05106
DRAWN BY:	DMD
CHECKED BY:	CFC
SCALE:	AS NOTED
DATE:	01/04/07

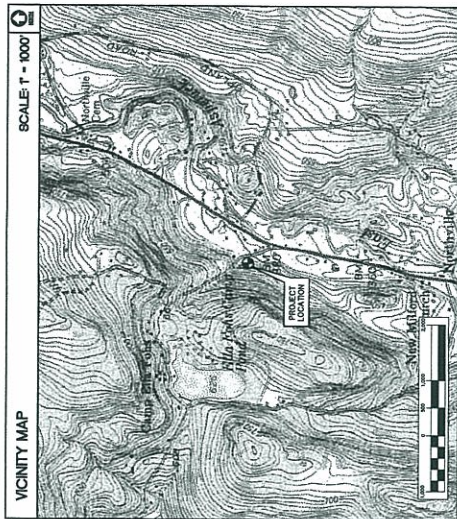
TITLE SHEET

T-1
DWG. 1 OF 8

PROJECT SUMMARY	
SITE NAME:	NEW MILFORD NORTHEAST
SITE ADDRESS:	359 LITCHFIELD ROAD NEW MILFORD, CT 06776 R-40
ZONING DISTRICT:	NORMANVILLE VOLUNTEER FIRE DEPARTMENT, INC.
PROPERTY OWNER/LESSOR:	359 LITCHFIELD ROAD NEW MILFORD, CT 06776
LEASEE:	CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS EAST HARTFORD, CT 06108
APPLICANT:	CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS EAST HARTFORD, CT 06108
CONTRACT PERSON:	CELLCO PARTNERSHIP (860) 863-8219
TOWER COORDINATES:	NAD 83 COORDINATES: 7323231.854' Easting: 7323231.854' Northing: 429807.8 A.M.S.L.

SYMBOL	DESCRIPTION
(Symbol: Section or Detail Number)	SECTION OR DETAIL NUMBER
(Symbol: Sheet Where Detail/Section Occurs)	SHEET WHERE DETAIL/SECTION OCCURS
(Symbol: Elevation Number)	ELEVATION NUMBER
(Symbol: Sheet Where Elevation Occurs)	SHEET WHERE ELEVATION OCCURS

SHEET INDEX	
SHT. NO.	DESCRIPTION
T-1	TITLE SHEET
C-1	FINAL SITE SURVEY PLAN
C-1A	AMBITERS MAP
C-1B	LANDSCAPING PLAN AND PROFILE
C-2	COMPOUND PLAN AND ELEVATION
C-3	SITE DETAILS AND NOTES
C-4	SITE DETAILS AND SHEET ELEVATIONS
C-5	SHELTER FOUNDATION DETAILS AND NOTES



SITE DIRECTIONS	
FROM:	91 EAST RIVER DRIVE EAST HARTFORD, CONNECTICUT
TO:	359 LITCHFIELD ROAD NEW MILFORD, CONNECTICUT
<ul style="list-style-type: none"> -START ON 91 EAST RIVER DRIVE, TURN RIGHT TOWARD DUNBAR ST. -TURN LEFT ON DUNBAR ST. ONTO WEST MAIN STREET / CT-4. -TURN LEFT ONTO US-44 W/CONNECTICUT BLVD. -TURN LEFT ONTO US-44 W/US-44 W/CONNECTICUT BLVD. -ARRIVE ONTO US-44 W/US-44 W/US-44 W. -ARRIVE ONTO CT-4 W/PARSONS AVE VIA EXIT 38 TOWARD FARMINGTON. -TURN RIGHT ONTO MAIN STREET / CT-4, CONTINUE TO FOLLOW CT-4. -ARRIVE ONTO CT-4 W/PARSONS AVE VIA EXIT 38 TOWARD FARMINGTON. -TURN RIGHT ONTO MAIN STREET / CT-4, CONTINUE TO FOLLOW CT-4. -CT-4 BECOMES CT-118 / EAST STREET. -TURN LEFT ONTO CT-118 / EAST STREET. -TURN LEFT ONTO CT-118 / EAST STREET. -STAY STRAIGHT TO GO ONTO WEST 57/US-302. CONTINUE TO FOLLOW US-302. -TURN LEFT ONTO WEST 57/US-302. CONTINUE TO FOLLOW US-302. -TURN LEFT ONTO US-202/LITCHFIELD HWY/MILFORD RD. CONTINUE TO FOLLOW US-202. -END AT 359 LITCHFIELD ROAD. 	

GENERAL NOTES

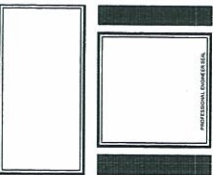
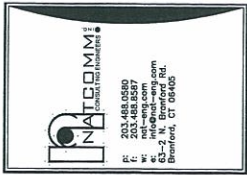
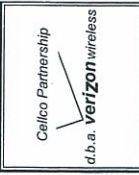
- PROPOSED ANTENNA LOCATIONS AND HEIGHTS PROVIDED BY CELLCO PARTNERSHIP.

SITE INFORMATION

GENERAL SCOPE OF WORK SHALL INCLUDE:

- THE CONSTRUCTION OF A 38'x43' FENCED WIRELESS COMMUNICATIONS COMPOUND WITH A 100'x100' LEASE AREA.
- SITE GRADING AND RETAINING WALLS WILL BE REQUIRED WITHIN LEASE AREA. PRETTY-CR FENCED COMPOUND SHALL BE PROVIDED TO ACCOMMODATE THE PROPOSED FACILITY AND ACCESS DRIVE.
- A TOTAL OF TWELVE (12) DIRECTIONAL PANEL ANTENNAS ARE PROPOSED TO BE MOUNTED ONTO A TOTAL CENTER ELEVATION OF 155'-0" - 157' - 0" AGL ON A 150' PROPOSED STEEL MANHOLE.
- POWER AND TELCO UTILITIES SHALL BE ROUTED UNDERGROUND FROM EXISTING RESPECTIVE UTILITY COMPANIES. ALL UTILITIES SHALL BE ROUTED FROM UTILITY BACKGROUND TO THE PROPOSED COMPOUND. FINAL UTILITY ROUTINGS TO PROPOSED BACKGROUND WILL BE VERIFIED/DETERMINED BY LOCAL UTILITY COMPANIES.
- THE PROPOSED WIRELESS FACILITY INSTALLATION WILL BE INCLUDED IN THE FINAL CONSTRUCTION DOCUMENTS.
- THE PROPOSED WIRELESS FACILITY INSTALLATION WILL BE PERFORMED IN ACCORDANCE WITH THE 2005 CONNECTICUT BUILDING CODE AS AMENDED BY THE 2005 CONNECTICUT SUPPLEMENT.
- THERE WILL NOT BE ANY LIGHTING UNLESS REQUIRED BY THE FCC OR THE FAA.
- THERE WILL NOT BE ANY SIGNS OR ADVERTISING ON THE ANTENNAS OR EQUIPMENT.
- FOR ADDITIONAL NOTES AND DETAILS REFER TO THE ACCOMPANYING DRAWINGS.

REV	DATE	BY	DESCRIPTION
01	12/07/07	STING	ISSUE FOR PERMITTING
02	12/07/07	STING	REVISED PERMITTING

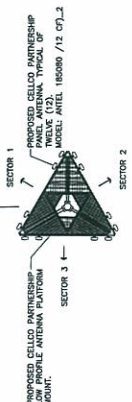
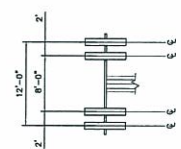


NEW MILFORD NORTHEAST
 359 LITCHFIELD ROAD
 NEW MILFORD, CT 06776

PROJECT NO: 06108
 DRAWN BY: DMD
 CHECKED BY: CFC
 SCALE: AS NOTED
 DATE: 01/04/07

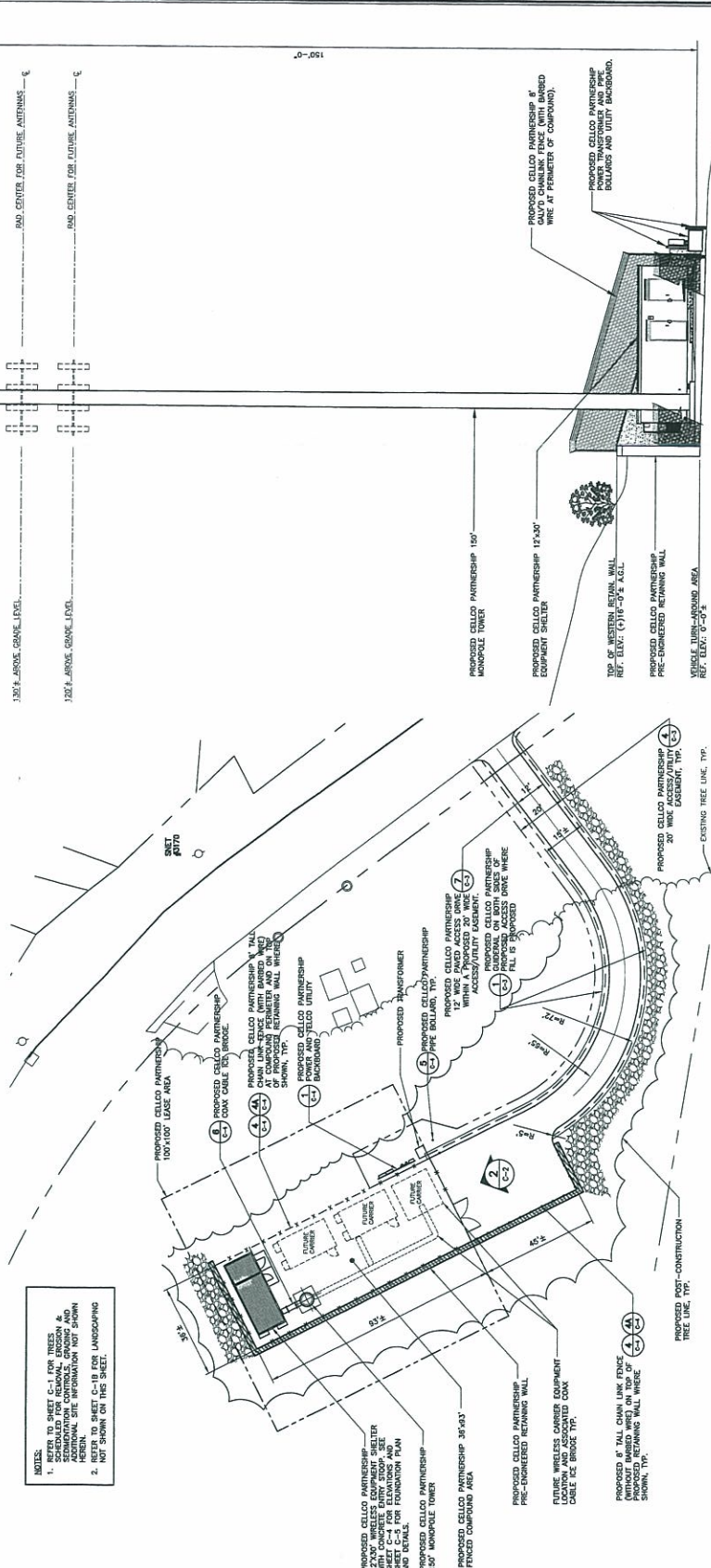
COMPOUND PLAN AND ELEVATION

C-2
 DWG. 5 OF 8



3 PROPOSED ANTENNA MOUNTING CONFIGURATION
 C-2 NOT TO SCALE

NOTES:
 1. REFER TO SHEET C-1 FOR TILES SCHEDULED FOR REMOVAL AND REPAIR. SEE SHEET C-4 FOR FOUNDATION AND SHEET C-5 FOR ELEVATIONS AND FINISHES.
 2. REFER TO SHEET C-18 FOR UNOCCUPYING. NOT SHOWN ON THIS SHEET.

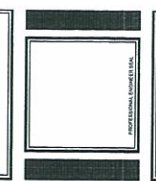
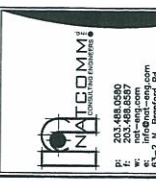
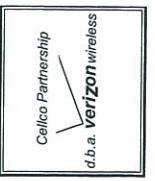


1 COMPOUND PLAN
 C-2 SCALE: 1" = 20'-0"
 GRAPHIC SCALE
 1 inch = 20 ft.

2 SOUTH ELEVATION
 C-2 SCALE: 1" = 10'-0"
 GRAPHIC SCALE
 1 inch = 10 ft.

3 SOUTH ELEVATION
 C-2 SCALE: 1" = 10'-0"
 GRAPHIC SCALE
 1 inch = 10 ft.

NO.	REVISIONS
01	ISSUED
02	REVISED
03	REVISED
04	REVISED
05	REVISED
06	REVISED
07	REVISED
08	REVISED
09	REVISED
10	REVISED

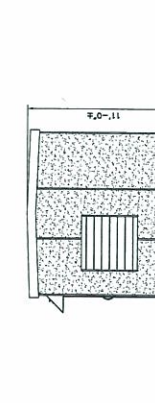
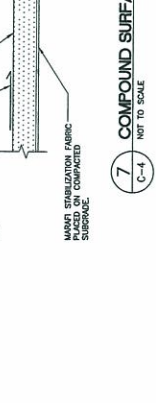
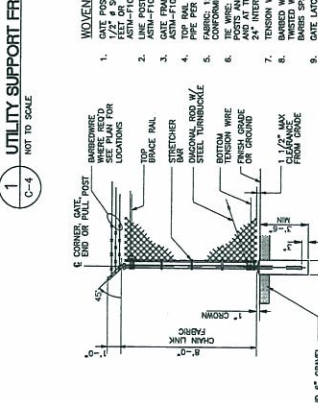
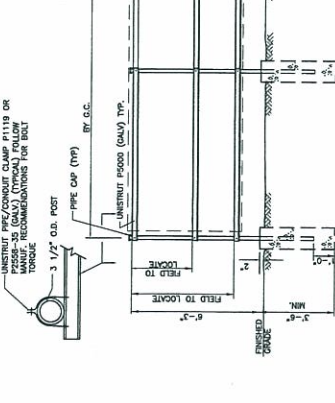
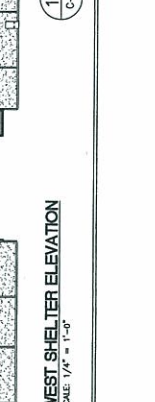
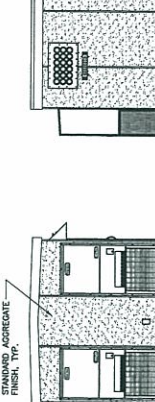
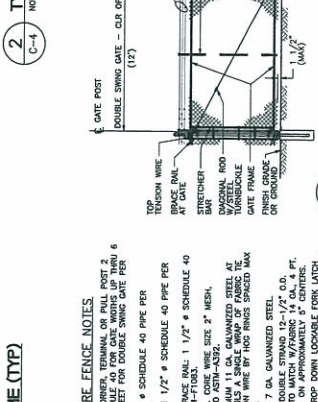
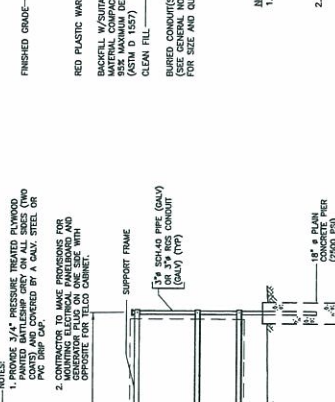
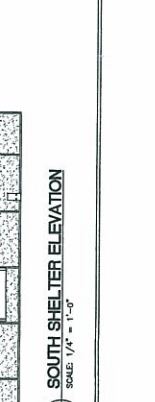
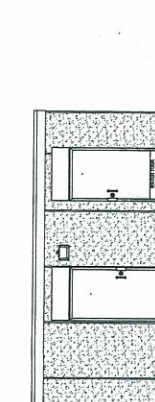
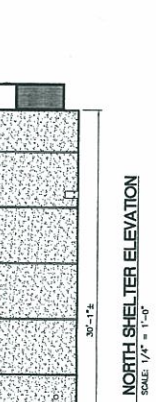
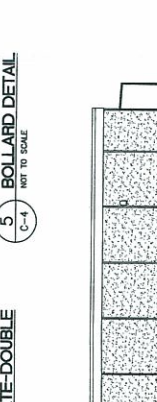
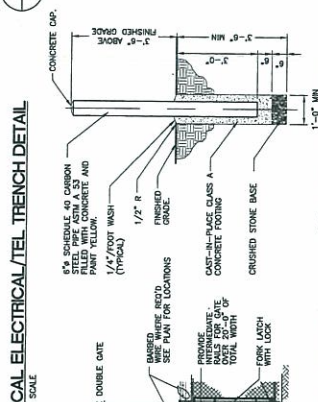
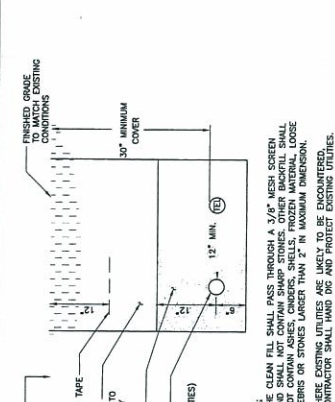
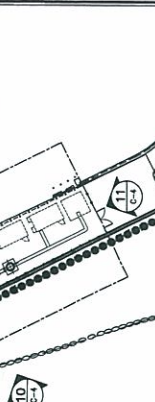
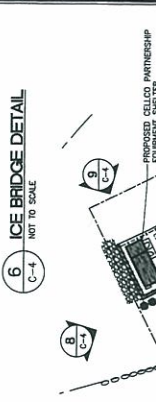
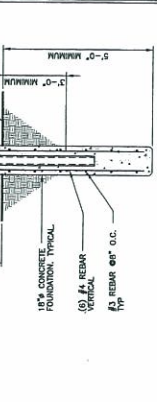
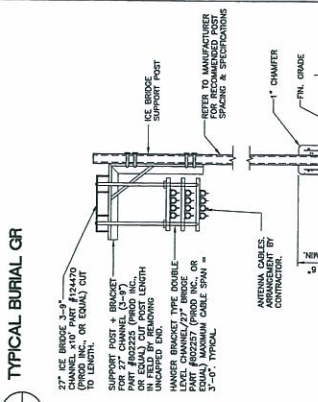
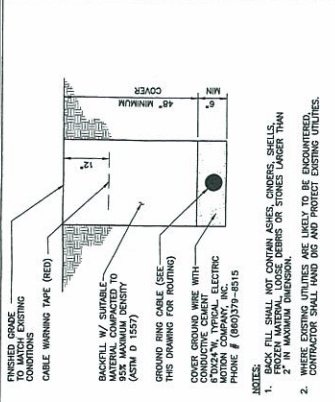


NEW MILFORD NORTHEAST
359 LITCHFIELD ROAD
NEW MILFORD, CT 06776

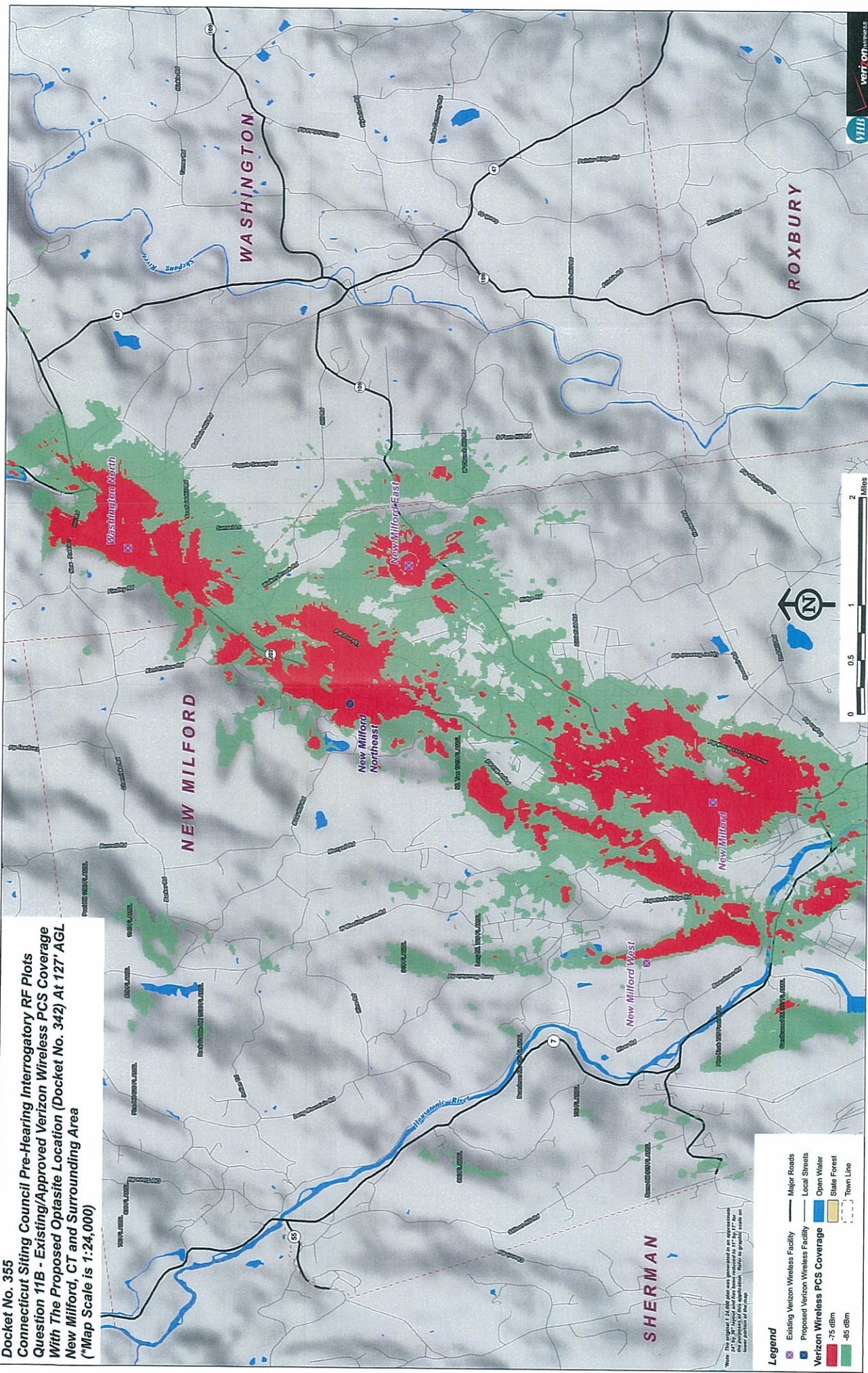
PROJECT NO: 06198
DRAWN BY: DMD
CHECKED BY: CFC
SCALE: AS NOTED
DATE: 01/04/07

SITE DETAILS AND SHELTER ELEVATIONS

C-4
DWG. 7 OF 8



Docket No. 355
Connecticut Siting Council Pre-Hearing Interrogatory RF Plots
Question 11B - Existing/Approved Verizon Wireless PCS Coverage
With The Proposed Optasite Location (Docket No. 342) At 127' AGL
New Milford, CT and Surrounding Area
 (*Map Scale is 1:24,000)



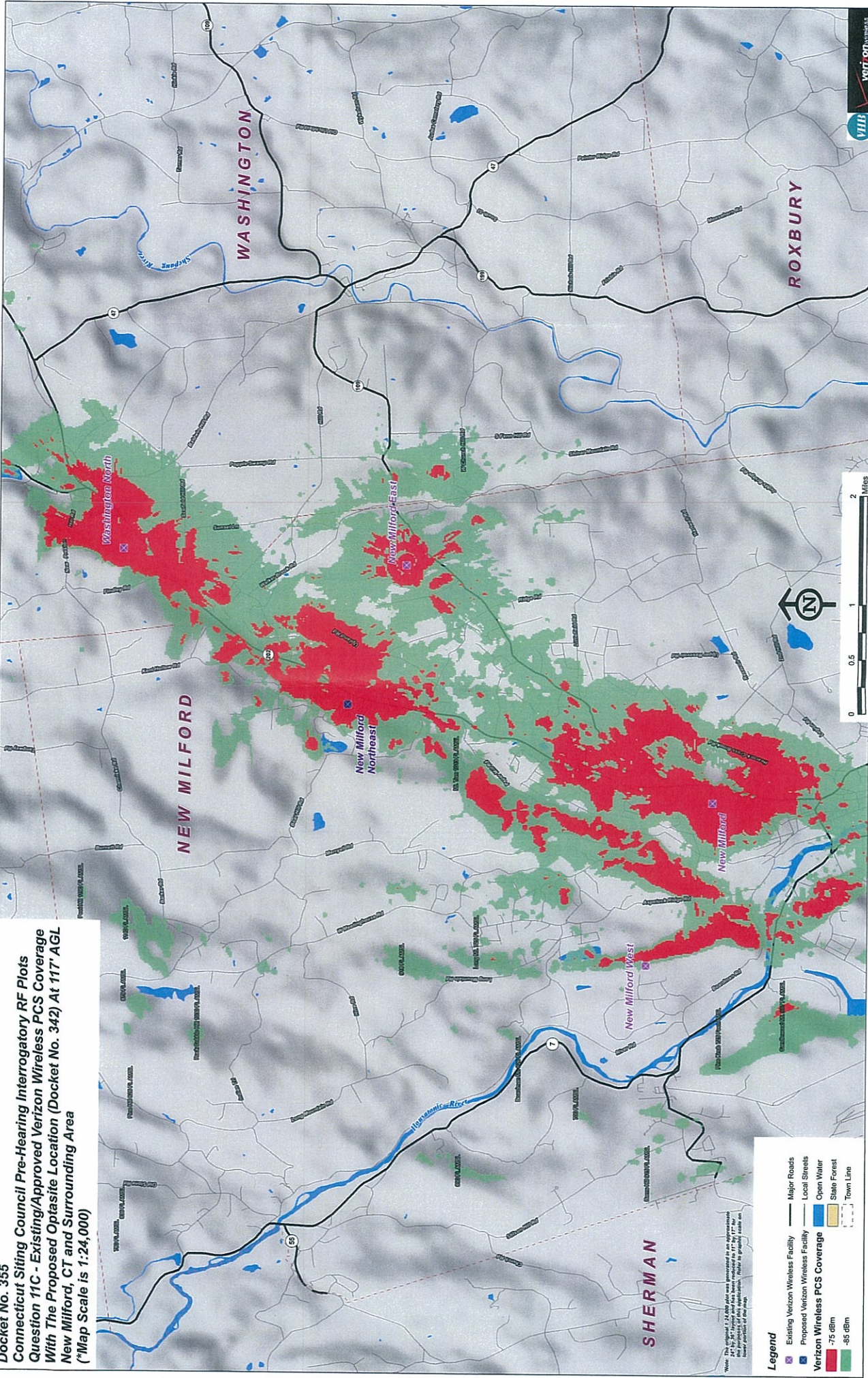
Notes: The locations of the 127' AGL Optasite and the proposed coverage areas are shown for informational purposes only. The actual coverage areas may vary based on the terrain and other factors. The map is not intended to be used for any other purpose.

- Legend**
- Existing Verizon Wireless Facility
 - Proposed Verizon Wireless Facility
 - Verizon Wireless PCS Coverage
 - 75 dBm
 - 85 dBm
 - Major Roads
 - Local Streets
 - Open Water
 - State Forest
 - Town Line



Docket No. 355

Connecticut Siting Council Pre-Hearing Interrogatory RF Plots
Question 11C - Existing/Approved Verizon Wireless PCS Coverage
With The Proposed Optasite Location (Docket No. 342) At 117' AGL
New Milford, CT and Surrounding Area
(*Map Scale is 1:24,000)



Legend

- Existing Verizon Wireless Facility
- Proposed Verizon Wireless Facility
- Verizon Wireless PCS Coverage
- 75 dBm
- 85 dBm
- Major Roads
- Local Streets
- Open Water
- State Forest
- Town Line

