


THIS IS A TWO-SIDED DOCUMENT

 <b>Adirondack Park Agency</b>  PO Box 99 · 1133 NYS Route 86 Ray Brook, NY 12977 Tel: (518) 891-4050 www.apa.ny.gov	APA General Permit 2005G-3R Certificate	Permit # <b>2016-0206A</b>
	<b>Certificate for Replacement of or Installation of Certain New Telecommunications Antennas on Existing Towers or Other Tall Structures</b>	
	To the County Clerk: Please index this permit in the grantor index under the following names: <b>1. New York RSA No. 2 Cellular Partnership d/b/a Verizon Wireless</b> <b>2. Charles M. Spitzner</b>	

This certificate under General Permit 2005G-3R is granted to New York RSA No. 2 Cellular Partnership d/b/a Verizon Wireless and Charles M. Spitzner, authorizing the replacement or installation of new telecommunications infrastructure in an area classified Low Intensity Use by the Official Adirondack Park Land Use and Development Plan Map in the Town of Schroon, Essex County.

This authorization shall expire unless recorded in the Essex County Clerk's Office within 60 days of issuance of a signed and notarized permit. The signed and notarized permit shall be recorded in the names of all persons listed above and in the names of all owners of record of any portion of the project site on the recordation date.

The project shall not be undertaken or continued unless the project authorized herein is in existence within five years of the date the permit is recorded in the Essex County Clerk's Office. The Agency will consider the project in existence when the authorized structure has been completed.

This certificate does not convey any right to trespass upon the lands or interfere with the riparian rights of others in order to undertake the authorized project, nor does it authorize the impairment of any easement, right, title or interest in real or personal property.

Nothing contained in this certificate shall be construed to satisfy any legal obligations of the permittee to comply with all applicable laws and regulations or to obtain any governmental approval or permit from any entity other than the Agency, whether federal, state, regional or local.

**PROJECT SITE**

The project site is the Low Intensity Use portion of a 51.87±-acre parcel of land in the Town of Schroon, Essex County, as classified on the Adirondack Park Land Use and Development Plan Map. No new land use and development is proposed on the Resource Management portion of the parcel. The site is identified as Town of Schroon Tax Map number 137.1-4-11.1 and is described in a deed from James A. Carmody and Karen A. Carmody to Charles M. Spitzner, dated February 3, 2004, and recorded February 18, 2004

in the Essex County Clerk's Office in Book 1391 of Deeds at Page 90 as Instrument Number #000907.

The project site is improved by a 96-foot-tall monopine telecommunications tower (91-foot-tall tower and a 5-foot-tall crown branch) as authorized by Agency Permit 2016-0206. The centerline mounting height of the array was authorized at 87 feet above ground level (AGL).

### **PROJECT DESCRIPTION AS PROPOSED**

This project as conditionally approved herein involves the following on the existing 96-foot-tall monopine telecommunications tower at the existing antenna centerline elevation of 87 feet AGL: removal of 6 existing panel antennas and 6 existing Remote Radio Heads (RRH's); relocation of 6 existing panel antennas; and installation of 6 new RRH's, 3 new integrated antennas, and related infrastructure.

The project is shown on 13 sheets of plans titled "Verizon Wireless; Site Name: Paradox Lake -A; 182 Fraternaland Road, Paradox, NY 12858, Town of Schroon, Essex County," prepared by NB+C Engineering Services, LLC, last revised April 20, 2023 and received by the Agency on April 25, 2023 (Project Plans):

- T-1, Title Sheet;
- GN-1 & 2, General Notes I & II;
- C-1, Compound Plan;
- C-2, Elevation;
- A-1, Existing Antenna Plan and Schedule;
- A-2, Proposed Antenna Plan and Schedule;
- A-3, Antenna Details;
- A-4, Equipment Specifications and Details;
- A-5, Plumbing Diagram;
- G-1, Grounding Plan;
- G-2, Grounding Details; and
- PMI, PMI requirements.

Reduced-scale copies of Sheet C-2 (Elevation) and Sheet A-2 (Proposed Antenna Plan and Schedule) of the Project Plans are attached to this certificate for easy reference. The original, full-scale maps and plans described in this paragraph are the official plans for the project, with copies available upon request from Adirondack Park Agency headquarters in Ray Brook, New York.

### **CONDITIONS**

1. This certificate is binding on the applicants, all present and future owners of the project site and all contractors undertaking all or a portion of the project. Copies of this certificate and the Project Plans shall be furnished by the applicants to all subsequent owners or lessees of the project site prior to sale or lease. All deeds conveying all or a portion of the lands subject to this permit shall contain references

to this permit as follows: "The lands conveyed are subject to Adirondack Park Agency General Permit 2005G-3R Certificate for Project P2016-0206A issued May 18, 2023, the terms and conditions of which are binding upon the heirs, successors and assigns of the grantors and all subsequent grantees."

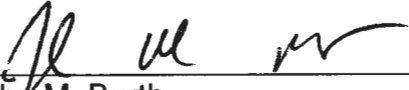
2. Subject to the conditions stated herein, this certification authorizes installation of new telecommunications antennas with related infrastructure in the locations shown and as depicted on the Project Plans referenced herein, with the top of the antennas no higher than 91 feet above ground level (centerline elevation of 87 feet above ground level).

Any change to the location, dimensions, or other aspect of the development authorized herein, including the construction of any new tower or the addition to the authorized tower of any new antenna or other equipment, shall require prior written Agency authorization.

3. The authorized antennas and related infrastructure shall be a grey color with a non-reflective or matte finish. The grey color shall match and blend with the existing antennas and infrastructure on the tower.
4. Installation of any lighting on the existing tower shall require prior written Agency authorization. Any other exterior lights within the equipment compound shall employ full cut-off fixtures that are fully shielded to direct light downward and not into the sky or toward Paradox Lake or adjoining properties.
5. All signs associated with the telecommunications tower on the project site shall comply with the Agency's "Standards for Signs Associated with Projects" [9 NYCRR Part 570, Appendix Q-3].
6. When brought from off-site, all equipment, including but not limited to trucks, excavators, tractors, etc., and hand excavation tools such as shovels, rakes, and picks, to be used on the project site shall be clean and free of soil, mud, or other similar material. If washed on the project site, equipment shall be washed in one location to prevent the distribution of propagules among different wash sites. All construction equipment and vehicles operating in areas that may contain existing invasive species shall be thoroughly cleaned prior to moving to other areas.
7. The Agency shall be provided with color photographs showing the completed antennas and related infrastructure within 30 days of project completion. All photographs must clearly identify the date the picture was taken, the location of the photograph, and the lens size employed. Photographs shall be taken on a clear day with little cloud cover from immediately adjacent to the tower (such that the proposed equipment is visible) and from Photo Locations 2 and 133 submitted with the application for Permit 2016-206, using the same lens equivalents provided in that application.
8. The authorized antennas shall be removed from the project site within one year of discontinuance of use for telecommunications purposes.

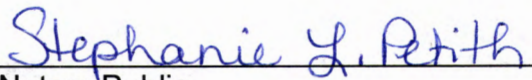
CERTIFICATION issued this 18<sup>th</sup> day  
of may, 2023.

ADIRONDACK PARK AGENCY

BY:   
John M. Burth  
Environmental Program Specialist 3 (EPS3)

STATE OF NEW YORK  
COUNTY OF ESSEX

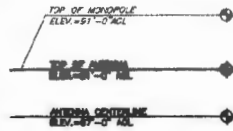
On the 18<sup>th</sup> day of may in the year 2023, before me, the undersigned, a Notary Public in and for said State, personally appeared David J. Plante, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that they executed the same in their capacity, and that by their signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

  
Notary Public

Stephanie L. Petith  
Notary Public, State of New York  
Reg. No. 01PE6279890  
Qualified in Franklin County  
Commission Expires April 15, 2025

LAST PLOTTED: 04/20/2023 10:17 AM

- (W) EXISTING RELOCATED VERIZON ANTENNAS  
(TYP 2 PER SECTOR, 6 TOTAL)  
(SEE DETAIL 1/A-2)
- (C) PROPOSED VERIZON INTEGRATED ANTENNA  
TO REPLACE (C) EXISTING ANTENNA  
(TYP 1 PER SECTOR, 3 TOTAL)  
(SEE DETAIL 1/A-2)
- (R) PROPOSED VERIZON RRHs  
(TYP 2 PER SECTOR, 6 TOTAL)  
(SEE DETAIL 1/A-2)
- (1) PROPOSED OMP12  
(TYP 1 TOTAL) (SEE DETAIL 1/A-2)
- (C) PROPOSED DUAL MOUNTING EQUIPMENT  
(EQUIPMENT P/N: AG-000046)  
(TYP 1 PER SECTOR, 3 TOTAL)  
(SEE DETAIL 8/A-3)



NOTE:  
(C) VERIZON ANTENNAS WILL BE  
REMOVED AND NOT REPLACED  
(TYP 1 PER SECTOR)

NOTE:  
(C) VERIZON RRH UNITS WILL BE  
REMOVED FROM EQUIPMENT  
PLATFORM  
(TYP 2 PER SECTOR)

NOTE:  
POST-INSTALLATION INSPECTION (PII) REQUIRED ON ALL  
SITES. REFER TO SHEET PLS OF THESE CONSTRUCTION  
DRAWINGS, AS WELL AS THE MOUNT ANALYSIS PREPARED  
BY TOWER ENGINEERING SOLUTIONS, LLC DATED 01/27/23  
FOR ADDITIONAL DETAILS.

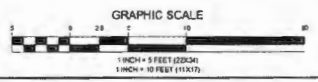
NOTE:  
PROPOSED EQUIPMENT IS TO  
BE SHIPPED AND PAINTED TO  
MATCH EXISTING STRUCTURE.

NEW YORK STATE  
Adirondack  
Park Agency

**RECEIVED**  
Date: April 25, 2023

- EXISTING 9\"/>

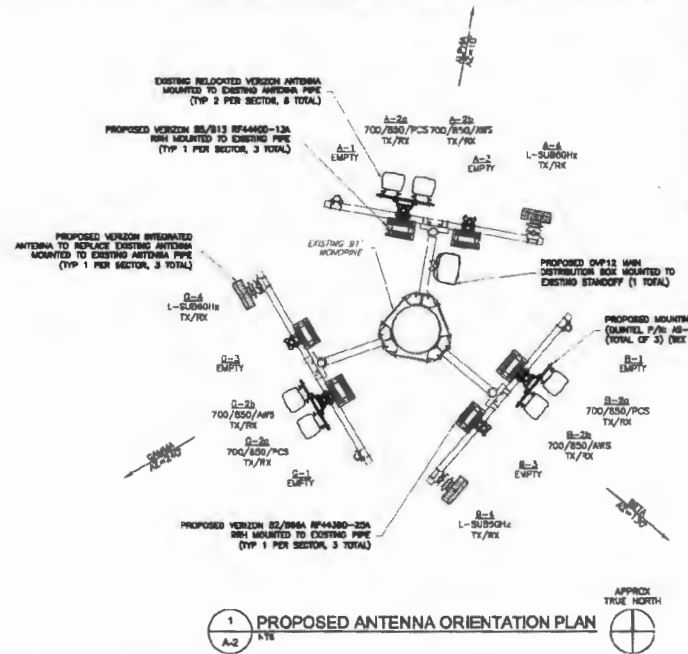
1 ELEVATION  
C-2  
SHEET NUMBER



ENGINEERING FIRM	<b>NB+C</b> TOTALITY COMMITTED. NB+C ENGINEERING SERVICES, L.L.C. 1775 SEVEN FIDELITY WEST VIA BLUE BELL, PA 19022 (215) 480-9122																								
ENGINEER	TYRE ENGINEERING INC P/E #122284 BY CERTIFICATION OF AUTHORITY FOR P.E. #116785 1000 WILSON RD. SUITE 100 PUNXSUTAWING, PA 15238																								
APPLICANT	<b>verizon</b> 1275 JOHN STREET SUITE 100 WEST HENRIETTA, NY 14586																								
SITE INFORMATION	PARADOX LAKE - A 182 FRATERNALAND RD PARADOX, NY 12858 TOWN OF SCHROON ESSEX COUNTY																								
DESIGN RECORD	<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>04/20/23</td> <td>REVISED PER COMMENTS</td> <td>FG</td> </tr> <tr> <td>3</td> <td>04/19/23</td> <td>REVISED PER P/RS</td> <td>FG</td> </tr> <tr> <td>2</td> <td>02/14/23</td> <td>REVISED PER CA COMMENTS</td> <td>FG</td> </tr> <tr> <td>1</td> <td>02/09/23</td> <td>REVISED PER COMMENTS</td> <td>FG</td> </tr> <tr> <td>0</td> <td>12/09/22</td> <td>PRE-JANUARY CD.</td> <td>DA</td> </tr> </tbody> </table>	REV	DATE	DESCRIPTION	BY	4	04/20/23	REVISED PER COMMENTS	FG	3	04/19/23	REVISED PER P/RS	FG	2	02/14/23	REVISED PER CA COMMENTS	FG	1	02/09/23	REVISED PER COMMENTS	FG	0	12/09/22	PRE-JANUARY CD.	DA
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0	12/09/22	PRE-JANUARY CD.	DA																						
PROFESSIONAL STAMP																									
ENGINEER	GRUPAKARAN KOLANDAVEL, J. P.E. STATE OF NEW YORK PROFESSIONAL ENGINEER LICENSE #611074																								
SHEET TITLE	ELEVATION																								
SHEET NUMBER	C-2																								

**GENERAL ANTENNA NOTES**

1. ALL ANTENNAS TO BE FURNISHED WITH DOWNWIND BRACKETS, CONTRACTOR IS TO COORDINATE AND VERIFY THE PROPOSED DOWNWINDS WITH VERIZON MANAGER PRIOR TO CONSTRUCTION.
2. ANTENNA CENTERLINE HEIGHT IS IN REFERENCE TO ELEVATION 0.0' (EXISTING GRADE)
3. CHECK WITH RF ENGINEER FOR LATEST ANTENNA TYPE & AZIMUTH.
4. CONTRACTOR SHALL VERIFY ANTENNA TYPE AND AZIMUTH WITH CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
5. ALL CABLE LENGTHS ARE ESTIMATED AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
6. COLOR TAPE MARKINGS MUST BE 3/4" WIDE AND UV RESISTANT, SUCH AS SCOTCH 35 VINYL ELECTRICAL COLOR CODING TAPE.
7. CONTRACTOR SHALL COORDINATE COLOR CODINGS IN THE FIELD WITH VERIZON REPRESENTATIVE.
8. PRIOR TO THE INSTALLATION OF THE PROPOSED EQUIPMENT OR MODIFICATION OF THE EXISTING STRUCTURE, A STRUCTURAL ANALYSIS SHALL BE PERFORMED BY THE OWNER'S AGENT TO CERTIFY THAT THE EXISTING/PROPOSED COMMUNICATION STRUCTURE AND COMPONENTS ARE STRUCTURALLY ADEQUATE TO SUPPORT ALL EXISTING AND PROPOSED ANTENNAS, COAXIAL CABLES AND OTHER APPURTENANCES. THE OWNER'S AGENT SHALL UNLESS A CERTIFICATION LETTER SIGNED BY A REGISTERED PROFESSIONAL ENGINEER STATING THAT THIS STRUCTURAL ANALYSIS WAS PREPARED IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS.



NOTE:  
(C) VERIZON ANTENNAS WILL BE REMOVED AND NOT REPLACED (TYP 1 PER SECTION)

NOTE:  
(D) VERIZON RRH UNITS WILL BE REMOVED FROM EQUIPMENT PLATFORM (TYP 2 PER SECTION)

NOTE:  
POST-MODIFICATION INSPECTION (PMI) REQUIRED ON ALL SITES REFER TO SHEET PM OF THESE CONSTRUCTION DRAWINGS, AS WELL AS THE MOUNT ANALYSIS PREPARED BY TOWER ENGINEERING SOLUTIONS, LLC DATED 01/27/23 FOR ADDITIONAL DETAILS.

NEW YORK STATE  
Adirondack  
Park Agency  
**RECEIVED**  
Date: April 25, 2023

**NBC**  
TOTALLY COMMITTED  
185-G BROADBAND SERVICES, LLC.  
1777 BENTLEY PARKWAY WEST  
VISTA II, SUITE 600  
BLUE BELT, PA 19222  
CITY OF PA INC

TRK ENGINEERING SPC  
P.O. BOX 12388  
BY CANTONVILLE OF  
ARCHITECTURE INC. 08785  
100 WASHINGTON ST. SUITE 200  
P.O. BOX 100  
P.O. BOX 100

**verizon**  
1275 JOHN STREET  
SUITE 100  
WEST HENRIETTA, NY 14586

PARADOX LAKE - A  
182 FRATERNALAND RD  
PARADOX, NY 12858  
TOWN OF SCHROON  
ESSEX COUNTY

**REVISIONS**

REV	DATE	DESCRIPTION	BY
4	04/20/23	REVISED PER COMMENTS	PG
3	04/14/23	REVISED PER COMMENTS	JG
2	02/24/23	REVISED PER COMMENTS	PG
1	02/06/23	REVISED PER COMMENTS	PG
0	12/02/22	PRELIMINARY CD	DA

**1** PROPOSED ANTENNA ORIENTATION PLAN  
A-2  
KYS

**PROPOSED ANTENNA & RRH SCHEDULE**

ANTENNA POSITION	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA DIMENSIONS (HxWxD)	MECHANICAL DOWN TILT	AZIMUTH	RAD CENTER	RRH QUANTITY & MODEL	TECHNOLOGY	CABLE QUANTITY TYPE & LENGTH
A-1	EMPTY	-	-	-	-	-	-	-	EMPTY	-
A-2a	TO BE RELOCATED	QUNTEL	OS8656-3	96.00"x12.00"x8.80	0°	0°	10°	80/B13 RF4440D-13A	700/850/PCS	[3] 4/12 HYBRID CABLE (110')
A-2b	TO BE RELOCATED	QUNTEL	OS8656-3	96.00"x12.00"x8.80	0°	0°	10°	82/B86A RF4439D-25A	700/850/AWS	
A-3	EMPTY	-	-	-	-	-	-	EMPTY	-	
A-4	PROPOSED	SAMSUNG	MT8407-77A	35.12"x18.04"x8.81	0°	10°	87°-0"	-	L-SUB80Hz	-
B-1	EMPTY	-	-	-	-	-	-	-	EMPTY	-
B-2a	TO BE RELOCATED	QUNTEL	OS8656-3	96.00"x12.00"x8.80	0°	0°	130°	80/B13 RF4440D-13A	700/850/PCS	SHARED THROUGH HYBRIFLEX
B-2b	TO BE RELOCATED	QUNTEL	OS8656-3	96.00"x12.00"x8.80	0°	0°	130°	82/B86A RF4439D-25A	700/850/AWS	
B-3	EMPTY	-	-	-	-	-	-	EMPTY	-	
B-4	PROPOSED	SAMSUNG	MT8407-77A	35.12"x18.04"x8.81	0°	130°	87°-0"	-	L-SUB80Hz	-
C-1	EMPTY	-	-	-	-	-	-	-	EMPTY	-
C-2a	TO BE RELOCATED	QUNTEL	OS8656-3	96.00"x12.00"x8.80	0°	0°	240°	80/B13 RF4440D-13A	700/850/PCS	SHARED THROUGH HYBRIFLEX
C-2b	TO BE RELOCATED	QUNTEL	OS8656-3	96.00"x12.00"x8.80	0°	0°	240°	82/B86A RF4439D-25A	700/850/AWS	
C-3	EMPTY	-	-	-	-	-	-	EMPTY	-	
C-4	PROPOSED	SAMSUNG	MT8407-77A	35.12"x18.04"x8.81	0°	240°	87°-0"	-	L-SUB80Hz	-

- NOTES:  
1. CONTRACTOR TO VERIFY PROPOSED ANTENNA INFORMATION IS THE MOST CURRENT DATA AT TIME OF CONSTRUCTION.  
2. CONTRACTOR TO CONFIRM CABLE LENGTHS PRIOR TO CONSTRUCTION.  
3. CONTRACTOR IS RESPONSIBLE TO BUILD FROM THE LATEST RF SHEET.

NEW YORK STATE  
Adirondack  
Park Agency  
**FINAL**  
P2016-0206A

PROFESSIONAL STAMP  
ENGINEER  
KRLUPAKARAN KOLANDAVELU, P.E.  
STATE OF NEW YORK  
PROFESSIONAL ENGINEER  
LICENSE #039794

SHEET TITLE  
**PROPOSED ANTENNA PLAN & SCHEDULE**

SHEET NUMBER  
**A-2**