



Telecommunications Construction Services And Consulting

December 9, 2022

Town of Barre
14317 West Barre Road
Albion, NY 14411
Attention: Shellye Dale-Hall

RE: American Tower / Verizon Wireless Cell Tower Equipment Upgrade – Special Use
Permit and Site Plan Application
Site Locations: 12615 West County House Rd- Existing Cell Tower

Dear Shellye Dale-Hall:

Pyramid Network Services, LLC on behalf of American Tower and Verizon Wireless, is submitting the attached Special Use Permit and Site Plan Application for an upgrade of existing wireless telecommunications equipment located at 12615 West County House Rd, Town of Barre, New York.

Itemized list of submittal documents:

- Exhibit A - Special Use and Site Plan Application
- Exhibit B – Section 6409 Request Form
- Exhibit C – Eligible Facilities Request
- Exhibit D - Short Environmental Assessment Form
- Exhibit E - Narrative describing the scope of work
- Exhibit F- Agricultural Data Statement
- Exhibit G- Five (5) sets of Construction Drawings
- Exhibit H- Check # in the amount of \$100.00 to reflect the fee for this application

Should you require anything further, please call me at 813-785-7954 or email me at Wgrover@pyramidns.com

Thank you in advance for your assistance.

Sincerely,

William Grover

Pyramid Network Services
Site Acquisition Specialist
Wgrover@Pyramidns.com
813-785-7954

Exhibit A

**TOWN OF BARRE
APPLICANT ACKNOWLEDGEMENT**

Date: 12/9/22

Applicant: Name: American Tower / Verizon Wireless c/o Pyramid Network Services, LLC

Address: 6615 Towpath Road, East Syracuse NY 13057

Telephone: 813-785-7954- Will Grover

Subject Property: Address: 12615 West County House Rd- Existing Cell Tower

Tax Lot No. 93-13.1

Referred to Planning Board for:

Special Use Permit

Site Plan Review

Applicant shall reimburse the Town of Barre for all engineering, legal, or other extraordinary or unanticipated expenses incurred by the Town in review of the proposed action. The applicant shall reimburse the Town as expenses are incurred.

Where such expenses are estimated to be greater than \$1,000.00, the Planning Board will require an escrow account be established in an amount determined by such Board. The escrow account will be replenished as expenses are paid by the Town.

All monies due the Town of Barre shall be paid in full before issuance of any required permit OR within thirty (30) days of final action taken by the Planning Board.

I, Will Grover have read the above statement and agree to the terms and conditions thereof.



Applicant's Signature

12/9/22
Date

Fee's paid

April, 2022

**TOWN OF BARRE
PLANNING BOARD**

APPLICATION
(See Instructions and Procedures Attached)

Date Received: _____

1. I (we) hereby apply to the Town Planning Board:

for Site Plan Review

for a Special Use Permit

Pursuant to Section for the Town of Barre Zoning Regulations: Sections 350-13 B, C, 350-87, 350-44 E

When all special use permits are issued the planning board requires the applicant to come back to the board if there are any changes additions to what existed at the time of the original application.

2. LOCATION: Address 12615 West County House Rd - Existing cell tower Tax Lot No. 93 -1-3.1

Current Zoning: AR

3. OWNER: American Tower / Verizon Wireless Telephone: 813-785-7954- Will Grover

Address: Verizon Wireless- 1275 John Street, Suite #100, West Henrietta, NY Zip: 14586

APPLICANT: American Tower / Verizon Wireless c/o Pyramid Network Services, LLC Telephone: 813-785-7954- Will Grover

Address: 6615 Towpath Road, East Syracuse, NY Zip: 13057

AGENT: William Grover / Pyramid Network Services, LLC Telephone: 813-785-7954

Address: 3 Splendor Wood Dr Penfield NY Zip: 14528

If the applicant is not the owner or if there is an applicant/agent, please explain:

Agent for American Tower and Verizon Wireless

4. DESCRIBE BRIEFLY THE DETAILS OF THIS REQUEST: Verizon Wireless is proposing to add (3) proposed antennas on the existing mounts on the existing tower and replace (2) existing hybrid cables to antennas. The proposed antennas will be installed next to the existing antennas on the existing mounts on the tower.

No change to the equipment on the ground.

SIGNATURE(s):  DATE: 12-9-22

DATE: _____

Exhibit B

Verizon Wireless 60-Day Eligible Facility Request Modification of Existing Wireless Tower

Request Date: December 9, 2022

Jurisdiction: Town of Barre

Departments: Building and Planning Development Department

Site Address: 12615 County House Rd , Town of Barre, New York

Verizon Wireless Contact: Pyramid Network Services, LLC / William Grover /

Wgrover@pyramidns.com / 813-785-7954

This document serves as Verizon Wireless's eligible facilities request to modify an existing wireless tower at the above-referenced site address. This eligible facilities request must be approved administratively under Section 6409 of the federal Spectrum Act and Federal Communications Commission ("FCC") rules. Review by the Town of Barre is limited to determining whether the proposed modification qualifies as an eligible facility request that does not substantially change the physical dimensions of the wireless tower. All permits necessary to commence construction must be approved within 60 days of the request date set forth above, subject to tolling for incompleteness.

For this request, Verizon Wireless attaches the following applications for all the permits required by the Town of Barre to commence construction of the modification:

PLANNING BOARD APPLICATION
Building Permit Application

Project Description

The existing wireless facility managed by American Tower Corporation and Verizon collocating on the tower was originally permitted through Building permit # 17-01 issued by the Town of Barre on February 6, 2017. As currently installed, the facility consists of: A 290' Guyed tower (295.5' overall with branching) with Verizon antennas and equipment installed on tower at 185' and 187'.

To accommodate new wireless technologies, Verizon Wireless proposes to install (3) additional antennas on their existing mounts opposite side the mount arms that currently hold existing antennas. No additional changes are proposed for the modification.

FCC Rules for Eligible Facilities Requests

The Spectrum Act states that "a State or local government may not deny, and shall approve, any eligible facilities request for a modification of an existing wireless tower or base station that does not substantially change the physical dimensions of such tower or

base station.”¹ An “eligible facilities request” is defined to include any collocation, removal, or replacement of existing equipment.²

The FCC adopted rules providing legally binding guidance on key terms of the Spectrum Act, notably defining “substantial change” with the six thresholds described below.³ The FCC requires that qualifying eligible facilities requests be approved within 60 days, subject to tolling for incompleteness.⁴ The 60-day period begins when an applicant takes the first procedural step required by a local government, and submits written documentation.⁵ The only submittal documents a local government can require are those relevant to determining if a proposed modification qualifies as an eligible facilities request.⁶ If a local government does not render a decision within the 60-day period, an eligible facilities request can be deemed granted by operation of law.⁷

The Proposed Modification Does Not Constitute a “Substantial Change”

Below are the FCC’s six “substantial change” thresholds for a wireless tower,⁸ each followed by an explanation that the proposed modification does not exceed that threshold.

- 1) It increases the height of the structure by more than 10% or more than ten feet, whichever is greater.

There will be no increase in the height of the tower. Refer to page C-201 of the enclosed construction drawings.

- 2) It involves adding an appurtenance to the body of the structure that would protrude from the edge of the structure by more than six feet.

There will be no appurtenance addition to the tower. Refer to page C-401 of the enclosed construction drawings.

- 3) It involves the installation of more than the standard number of new equipment cabinets for the technology involved, but not to exceed four; or, it involves installation of any new equipment cabinets on the ground if there are no pre-existing ground cabinets associated with the structure, or else involves installation of ground cabinets that are more than 10% larger in height or overall volume than any other ground cabinets associated with the structure.

There will be no additional equipment cabinets installed. Refer to page C-101 of the enclosed construction drawings.

- 4) It entails any excavation or deployment outside the current site (as defined at 47 C.F.R. § 1.6100(b)(6)).

There will be no new excavation. Refer to page C-101 of the enclosed construction drawings.

- 5) Would defeat the concealment elements of the eligible support structure.

There will be no change to the existing concealment elements of the tower. The existing tower is a Guyed tower. The proposed antennas will be installed on existing mounts.

- 6) Does not comply with conditions associated with the siting approval of the construction or modification of the existing facility, unless the non-compliance is due only to a change in height, width, etc., that does not exceed the first four thresholds.

There are no prior conditions of approval that would render the modification to be non-compliant, aside from any conditions that would be preempted by the first four "substantial change" thresholds.

In sum, the modification clearly qualifies as an "eligible facilities request" under the Spectrum Act and FCC rules, because it does not exceed any of the thresholds such that it would "substantially change" the physical dimensions of the existing wireless base station. Failure to process these eligible facilities request and approve all necessary permits within 60 days may result in the request being deemed granted by operation of law.

¹ 47 U.S.C. § 1455(a)(1).

² 47 U.S.C. § 1455(a)(2).

³ See Report and Order FCC 14-153, 29 FCC Rcd. 12865 (FCC October 17, 2014); see also Report and Order FCC 20-153, 85 FR 78005 (FCC October 27, 2020).

⁴ See 47 C.F.R. § 1.6100(c)(2), (3).

⁵ Declaratory Ruling 20-75, 35 FCC Rcd 5977, ¶ 16 (FCC June 9, 2020).

⁶ See 47 C.F.R. § 1.6100(c)(1).

⁷ See 47 C.F.R. § 1.6100(c)(4).

⁸ See 47 C.F.R. § 1.6100(b)(7).

Exhibit C



Verizon Wireless
1275 John Street Suite 100
West Henrietta, NY 14586

December 9, 2022

Town of Barre
Attention: Shellye Dale-Hall
Building and Planning Development Department

Re: Verizon Wireless Application for Modification of Wireless Facility located
12615 County House Rd, Town of Barre, New York

Notice of 60 Day Eligible Facilities Request Application

Dear Shellye:

We write to you on behalf of Verizon Wireless with respect to the above-referenced Eligible Facilities Request ("EFR") permit application submitted with this letter (the "Application"). The Application proposes a modification to an existing wireless facility that meets the criteria for an EFR under 47 U.S.C. § 1455 (the "Spectrum Act"). Further, review and approval of the Application must be conducted administratively in accordance with Federal Communications Commission ("FCC") order adopted October 18, 2014 (the "Spectrum Act Order"), codified as 47 C.F.R. §1.40001, and completed within 60 days of submittal in accordance with 47 C.F.R. §1.40001(c)(2).

Under 47 C.F.R. §1.40001, the review of the Application by Town of Barre (the "Town") is limited to determining whether it is an eligible facility request that does not substantially change the physical dimensions of the Tower. As you will see, the Application details the necessary criteria for a modification to constitute an EFR and describes how this specific modification project meets the EFR requirements.

You may contact me at 813-785-7954 or Wgrover@Pyramidns.com with any questions you may have about this project or the EFR process. We look forward to working with you on this and other future wireless projects.

Regards,

A handwritten signature in black ink, appearing to read "W Grover", enclosed in a hand-drawn oval.

William Grover
Verizon Wireless- Contractor
c/o Pyramid Network Services, LLC
6615 Towpath Road
East Syracuse, NY 13057

Exhibit D

Short Environmental Assessment Form

Part 1 - Project Information

Instructions for Completing

Part 1 - Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 - Project and Sponsor Information			
American Tower / Verizon Wireless			
Name of Action or Project: Verizon Wireless cell tower equipment upgrade			
Project Location (describe, and attach a location map): 12615 West County House Rd Barre, NY 14411- Existing Cell Tower			
Brief Description of Proposed Action: Installing (3) proposed antennas on the existing mounts on existing cell tower and replacing (2) existing hybrid cables to antennas. The (3) proposed antennas will be installed next to the existing antennas currently installed on the mounts on the cell tower. No change to equipment on the ground.			
Name of Applicant or Sponsor: American Tower / Verizon Wireless- c/o Pyramid Network Services, LLC		Telephone: 813-785-7954	
		E-Mail: wgrover@pyramidns.com	
Address: 6615 Towpath Rd			
City/PO: East Syracuse		State: NY	Zip Code: 13057
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.			NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>
2. Does the proposed action require a permit, approval or funding from any other governmental Agency? If Yes, list agency(s) name and permit or approval:			NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>
3.a. Total acreage of the site of the proposed action?		_____ .1 acres	
b. Total acreage to be physically disturbed?		_____ 0 acres	
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?		_____ .1 acres	
4. Check all land uses that occur on, adjoining and near the proposed action.			
<input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential (suburban) <input type="checkbox"/> Forest <input checked="" type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other (specify): _____ <input type="checkbox"/> Parkland			


<p>18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)?</p> <p>If Yes, explain purpose and size: _____</p> <p>_____</p>	<p>NO</p> <p><input checked="" type="checkbox"/></p>	<p>YES</p> <p><input type="checkbox"/></p>
<p>19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?</p> <p>If Yes, describe: _____</p> <p>_____</p>	<p>NO</p> <p><input checked="" type="checkbox"/></p>	<p>YES</p> <p><input type="checkbox"/></p>
<p>20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?</p> <p>If Yes, describe: _____</p> <p>_____</p>	<p>NO</p> <p><input checked="" type="checkbox"/></p>	<p>YES</p> <p><input type="checkbox"/></p>
<p>I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</p>		
<p>Applicant/sponsor name: <u>American Tower / Verizon Wireless</u></p>		<p>Date: <u>12/09/2022</u></p>
<p>Signature: <u></u></p>		

Exhibit E



Telecommunications Construction Services And Consulting

December 9, 2022

Town of Barre
14317 West Barre Road
Albion, NY 14411
Attention: Shellye Dale-Hall

RE: American Tower / Verizon Wireless Cell Tower Equipment Upgrade – Special Use
Permit and Site Plan Application
Site Locations: 12615 West County House Rd- Existing cell tower

Dear Shellye Dale-Hall:

Pyramid Network Services, LLC on behalf of American Tower and Verizon Wireless, submits this narrative scope of work for an upgrade of existing wireless telecommunications equipment located at 12615 West County House Rd, Town of Barre, New York.

Verizon Wireless is installing (3) proposed antennas on the existing cell tower on the already existing mounts on the tower and replacing (2) existing hybrid cables to the antennas. These antennas will be installed next to the existing antennas on the existing mounts on the tower. There is no change to the equipment on the ground. Please refer to the enclosed project construction drawings. Please note that this equipment upgrade qualifies as an Eligible Facilities Request (“EFR”) pursuant to Section 6409 of the federal Spectrum Act and Federal Communications Commission (“FCC”) rules. Information on this EFR is included with the application.

Should you require anything further, please call me at 813-785-7954 or email me at Wgrover@pyramidns.com

Thank you in advance for your assistance.

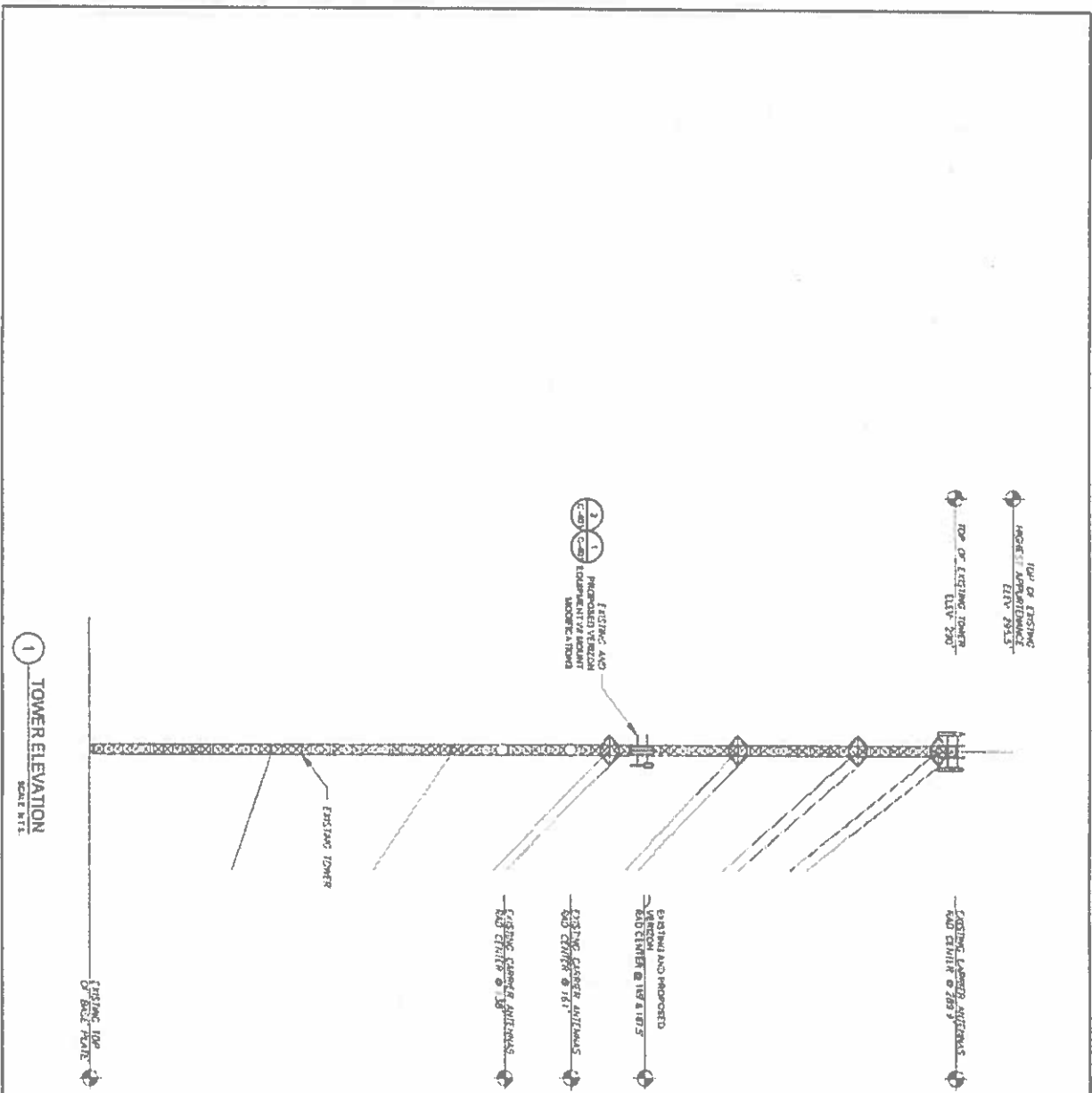
Sincerely,


William Grover

Pyramid Network Services
Site Acquisition Specialist
Wgrover@Pyramidns.com
813-785-7954

Exhibit F

Exhibit G



THE PROJECT ANALYSIS COMPLETED BY TELADON C&E, DATED 10/21/11, THE EXISTING EQUIPMENT BEING ADDED TO SUPPORT THE PROPOSED EQUIPMENT SHALL BE INSTALLED AT THE END OF THE MAIN SET POINT BEING ADDED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.

GENERAL NOTE:
 IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONSULT WITH THE PROJECT MANAGER TO DETERMINE THE EXISTING AND PROPOSED WORK, EXISTING AND PROPOSED TOWER APPURTENANCES, SIGNALS AND ANTENNAS ARE TO BE MAINTAINED. ALL SIGNALS, EQUIPMENT, INDUSTRY CABLES, ETC. SHALL BE MAINTAINED TO MATCH EXISTING EQUIPMENT OR EQUIPMENT WITH THE SAME FUNCTION. ADDITIONAL PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. WHERE POSSIBLE, USE PREVIOUSLY APPROVED EQUIPMENT TO MAINTAIN EQUIPMENT. USE OF OTHER EQUIPMENT SHALL BE APPROVED BY THE PROJECT MANAGER. ALL EQUIPMENT SHALL BE INSTALLED AS SPECIFIED BY THE PROJECT MANAGER. ALL EQUIPMENT SHALL BE INSTALLED AS SPECIFIED BY THE PROJECT MANAGER. ALL EQUIPMENT SHALL BE INSTALLED AS SPECIFIED BY THE PROJECT MANAGER. ALL EQUIPMENT SHALL BE INSTALLED AS SPECIFIED BY THE PROJECT MANAGER.

AMERICAN TOWER
 A.T. ENGINEERING SERVICE, P.L.C.
 200 PROJECT PARKWAY
 SUITE 100
 CARY, NC 27513
 PHONE: 919 664-9112
 FAX: 919 664-9112

REV	DESCRIPTION	BY	DATE
1	FOR CONSTRUCTION	MSC	11/22/11
2			
3			
4			

ATC SITE NUMBER: 307075
 ANTENNA MAKE: BARRE
 VENDOR SITE NAME: WILEE RD - A
 SITE ADDRESS: 12815 WEST COUNTY HOUSE ROAD
 BARE, NY 14811



Authorized by "EOR"
vertizon logo

DATE DRAWN	10/23/11
ATC JOB NO	131781_01
CLIENT JOB NO	WILEE RD - A
CUSTOMER #	20804
TOWER ELEVATION	
DRAWING NUMBER	C-201
REVISION	0



AMERICAN TOWER SERVICE, PLLC
 1300 ROBERTS PARKWAY
 SUITE 100
 CHARLOTTE, NC 28203
 PHONE: 704.366.1111
 FAX: 704.366.1111
 CDR: 8112746

THE USE AND MAINTENANCE OF THIS DRAWING SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR CONSTRUCTION OF THE ANTENNA. ANY REVISIONS OR MODIFICATIONS TO THE DRAWING SHALL BE MADE BY THE ORIGINAL DESIGNER OR HIS DESIGNER. THE ORIGINAL DESIGNER SHALL BE NOTIFIED OF ANY SUCH REVISIONS OR MODIFICATIONS. THE ORIGINAL DESIGNER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED IN THIS DRAWING. THE ORIGINAL DESIGNER SHALL BE RESPONSIBLE FOR THE OBTAINING OF ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES. THE ORIGINAL DESIGNER SHALL BE RESPONSIBLE FOR THE OBTAINING OF ALL NECESSARY INFORMATION FROM THE CLIENT AND OTHER STAKEHOLDERS. THE ORIGINAL DESIGNER SHALL BE RESPONSIBLE FOR THE OBTAINING OF ALL NECESSARY INFORMATION FROM THE CLIENT AND OTHER STAKEHOLDERS.

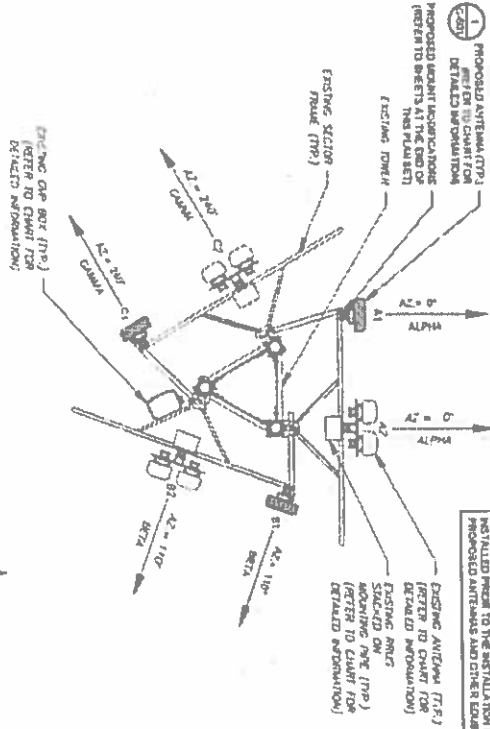
NEW: DESCRIPTION BY DATE
 LOG CONSTRUCTION ENG. 3/20/07
 A.T.C. SITE NUMBER: 307075
 A.T.C. SITE NAME: BARRE
 VENDOR SITE NAME: WILEE RD - A
 SITE ADDRESS: 1315 WEST COBBY RIDGE ROAD
 BARRE, VT 05611

DATE DRAWN: 10/06/07
 A.T.C. JOB NO: 1377871.D11
 CUSTOMER ID: WILEE RD - A
 CUSTOMER REF: 306634

Authorized by "EOR"
Verizon
 ANTENNA INFORMATION & SCHEDULE

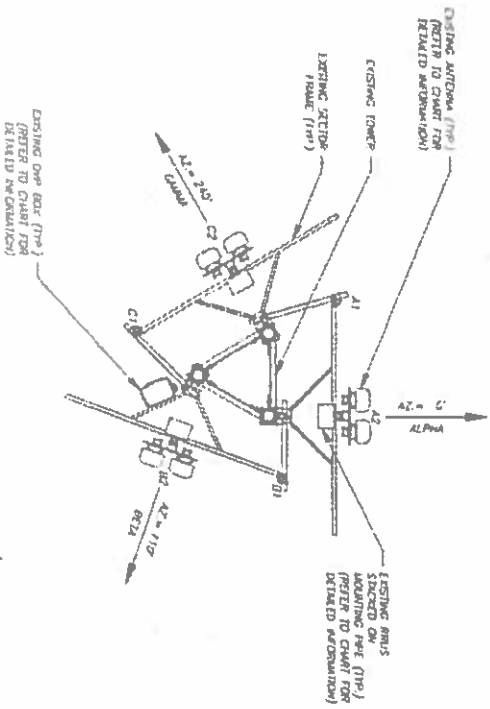
DRAWING NUMBER: C-401
 REVISION: 0

PER MOUNT ANALYSIS COMPLETED BY TELADON C.S. DATED 10/07/07, THE EXISTING MOUNT MUST BE RELOCATED TO THE PROPOSED MOUNT LOCATION. THE PROPOSED MOUNT LOCATION IS INCLUDED IN THE MOUNT ANALYSIS INCLUDED AT THE END OF THIS PLAN SET. MUST BE RELOCATED TO THE PROPOSED MOUNT LOCATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.



2 FINAL ANTENNA PLAN
 SCALE: N1:2

PROPOSED ANTENNA (T.P.) REFER TO CHART FOR DETAILED INFORMATION (REFER TO CHART FOR DETAILED INFORMATION)



1 EXISTING ANTENNA PLAN
 SCALE: N1:2

ANTENNA	TYPE	HEIGHT	AZ	EL	STATUS	REMARKS
1	EXISTING ANTENNA (T.P.)	100	0	0	EXISTING	REFER TO CHART FOR DETAILED INFORMATION
2	EXISTING ANTENNA (T.P.)	100	110	0	EXISTING	REFER TO CHART FOR DETAILED INFORMATION
3	EXISTING ANTENNA (T.P.)	100	0	0	EXISTING	REFER TO CHART FOR DETAILED INFORMATION
4	EXISTING ANTENNA (T.P.)	100	110	0	EXISTING	REFER TO CHART FOR DETAILED INFORMATION

NOTE: 1. COMPARE WITH VENDOR REPORT FOR APPLICABLE PERMITS/REGULATIONS AND WITH COMMUNICATIONS COMMISSION DECISION TO CAP ALL UNLISTED PERMITS. 2. COMPARE WITH VENDOR REPORT FOR APPLICABLE PERMITS/REGULATIONS AND WITH COMMUNICATIONS COMMISSION DECISION TO CAP ALL UNLISTED PERMITS.

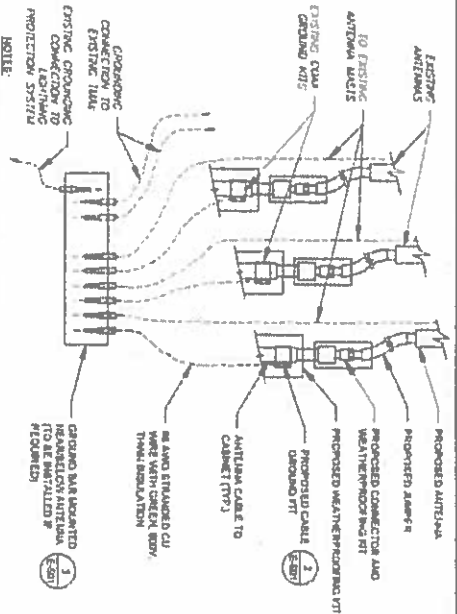
ANTENNA	TYPE	HEIGHT	AZ	EL	STATUS	REMARKS
1	EXISTING ANTENNA (T.P.)	100	0	0	EXISTING	REFER TO CHART FOR DETAILED INFORMATION
2	EXISTING ANTENNA (T.P.)	100	110	0	EXISTING	REFER TO CHART FOR DETAILED INFORMATION
3	EXISTING ANTENNA (T.P.)	100	0	0	EXISTING	REFER TO CHART FOR DETAILED INFORMATION
4	EXISTING ANTENNA (T.P.)	100	110	0	EXISTING	REFER TO CHART FOR DETAILED INFORMATION

ANTENNA	TYPE	HEIGHT	AZ	EL	STATUS	REMARKS
1	EXISTING ANTENNA (T.P.)	100	0	0	EXISTING	REFER TO CHART FOR DETAILED INFORMATION
2	EXISTING ANTENNA (T.P.)	100	110	0	EXISTING	REFER TO CHART FOR DETAILED INFORMATION
3	EXISTING ANTENNA (T.P.)	100	0	0	EXISTING	REFER TO CHART FOR DETAILED INFORMATION
4	EXISTING ANTENNA (T.P.)	100	110	0	EXISTING	REFER TO CHART FOR DETAILED INFORMATION

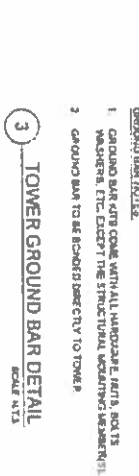
STATION ASSIGNMENTS: MAY TO BE REVIEWED AND TO BE RELOCATED TO BE ADDED TO BE ADDED

CABLE TERMINATION ADDRESSES: JUNCTION BOX TO BRU 15' FROM TO ANTENNA 10'

3 EQUIPMENT SCHEDULES



- NOTE:
1. THE DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND REPORT THE CONSTRUCTION MANAGER OR ANY CONTRACTOR.
 2. THE PROPOSED WEA-TH-PROTECTING RT SHOULD BE LISTED IN THE ELECTRICAL AND COMMUNICATIONS SCHEDULE. LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND LOCAL CODES ARE MORE STRONG IF THEY SMALL DIFFER.



1
TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: N.T.S.

2
CABLE GROUND KIT CONNECTION DETAIL
SCALE: N.T.S.

3
TOWER GROUND BAR DETAIL
SCALE: N.T.S.

AMERICAN TOWER
A.T. ENGINEERING SERVICE, PLLC
3880 ROCKY HILL ROAD
CARY, NC 27513
PHONE: 919.442.4112
OOL: 919.274.1848

REV. USE AND REVISIONS OF THESE DRAWINGS SHALL BE INDICATED TO THE DRAWING SET FOR WHICH THEY ARE PREPARED. ANY USE OR REVISION OTHER THAN THAT INDICATED HEREIN IS PROHIBITED. THE ARCHITECT AND CONTRACTOR SHALL BE RESPONSIBLE FOR THE LATEST VERSION. ALL DIMENSIONS AND NOTES ARE IN UNITS OF INCHES UNLESS OTHERWISE NOTED. THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND LOCAL CODES ARE MORE STRONG IF THEY SMALL DIFFER.

REV.	DESCRIPTION	BY	DATE
1	FOR CONSTRUCTION	MSG	10/20/11

ATC SITE NUMBER: 307015
ATC SITE NAME: BARRIE
WEPO SITE NAME: WILEE RD / A
SITE ADDRESS: 12115 WEST COUNTY ROUTE ROAD, BARRE, NY 14611



Authorized by "EOR"
Verizon Design

DATE DRAWN	10/20/11
ATC JOB NO.	1717171_01
CUSTOMER ID	WILEE RD - A
CUSTOMER #	30624

GROUNDING DETAILS

DRAWING NUMBER	E-501	REVISION	0
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AMERICAN TOWER CORPORATION

This report was prepared for American Tower Corporation by

Telamon.CLS

Antenna Mount Analysis Report

ATC Site Name : Barre
ATC Asset Number : 307075
Engineering Number : 13712871_C8_01
Mount Elevation : 183 ft
Carrier : Verizon Wireless
Carrier Site Name : W LEE RD - A
Carrier Site Number : 396934
Site Location : 12615 West County House Road
Barre, NY 14811-9312
43.2111111111, -78.2978
Country : Orleans
Date : October 19, 2021
Max Usage : 96%
Result : Compliant Pass
See continuation for requirements

Prepared by:
Vignesh Hari
Telamon.CLS

Reviewed By:
Tyler M. Barker, P.E.
Old Saybrook Engineering, LLC
01/17/2021



1 MOUNT ANALYSIS

Mount Analysis for American Tower
307075 - Barre

October 19, 2021
Telamon.CLS Project #11134-13712871_C8_01-01-004

Introduction

The proposed equipment is to be mounted to the existing Sector Frame. This proposed mounting configuration was analyzed using RSA-3D, a commercially available finite element analysis software package. A selection of input and output from our analysis is attached to the end of this report.

Supporting Documents

Table with 2 columns: Document Name, Date/Version. Includes Structural Data, Previous Analysis, and Loading Data.

Analysis

Table with 2 columns: Parameter, Value. Includes Codes, Basic Wind Speed, Exposure Category, Topographic Factor, etc.

Conclusion

Based on the analysis, the antenna mount meets the requirements per the applicable codes listed above. The mounting configuration considered in this analysis will be capable of supporting the referenced loading pursuant to referenced standards once the following scope is executed:

- Install (1) new mount plate at Position 1 with 8 ft. long proposed Pigeon 2 STD, A53 Gr. B, at each sector for Proposed panel configuration (3 total) as shown. Connect to face horizontal member using VZAM5048RT-MSX1 crossover plate (6 total).

If you have any questions or require additional information, please contact American Tower via email at Engineering@americantower.com. Please include the American Tower site name, site number, and engineering number in the subject line for any questions.

American Tower logo and contact information for A.T. Engineering Service, PLLC.

Table with 3 columns: REV, DESCRIPTION, DATE. Shows revision history for the report.

ATC SITE NUMBER: 307075
ATC SITE NAME: W LEE RD - A
SHEET NUMBER: 12615 WEST COUNTY HOUSE ROAD, BARRE, NY 14811

Verizon logo and supplemental information including sheet number R-601 and revision number 0.



AMERICAN TOWER®
CORPORATION

Post Modification Structural Analysis Report

Structure : 290 ft Guyed Tower
ATC Asset Name : Barre
ATC Asset Number : 307075
Engineering Number : 13717871_C4_06
Proposed Carrier : Verizon Wireless
Carrier Site Name : W Lee Rd - A
Carrier Site Number : 396934
Site Location : 12615 West County House Road
Barre, NY 14411-9312
43.2111, -78.2976
County : Orleans
Date : November 3, 2022
Max Usage : 97%
Analysis Result : Pass

Prepared By:

Robert D. Barrett, E.I.
Structural Engineer II

Robert D. Barrett

Reviewed



Authorized by "EOR"
03 Nov 2022 09:36:02

cosign

COA: #0012746

Exhibit H

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER

Pyramid Network Services, LLC
6615 Towpath Rd
East Syracuse NY 13057
315-701-1300

Solvay Bank
1537 Milton Ave
Solvay, NY 13208

30460

DATE 12/8/2022

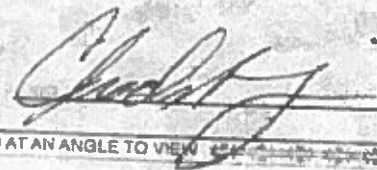
PAY THREE HUNDRED TWENTY-FIVE DOLLARS AND 00 CENTS

\$ 325.00

VOID IF NOT CASHED WITHIN 120 DAYS

TO
THE
ORDER
OF

Town of Barre
14317 West Barre Road
Albion, NY 14411



THE BACK OF THIS DOCUMENT CONTAINS AN ARTIFICIAL WATERMARK--HOLD AT AN ANGLE TO VIEW

⑈0030460⑈ ⑆021309735⑆ 41214925⑈

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER

Pyramid Network Services, LLC
6615 Towpath Rd
East Syracuse NY 13057
315-701-1300

Solvay Bank
1537 Milton Ave
Solvay, NY 13208

30459

DATE 12/8/2022

PAY ONE HUNDRED DOLLARS AND 00 CENTS

\$ 100.00

VOID IF NOT CASHED WITHIN 120 DAYS

TO
THE
ORDER
OF

Town of Barre
14317 West Barre Road
Albion, NY 14411



THE BACK OF THIS DOCUMENT CONTAINS AN ARTIFICIAL WATERMARK--HOLD AT AN ANGLE TO VIEW

⑈0030459⑈ ⑆021309735⑆ 41214925⑈

TOWN OF BARRE
BUILDING DEPARTMENT
14317 West Barre Road, Albion, New York 14411
Phone: 585-589-5100 Ext 5 Fax: 585-589-2510

BUILDING PERMIT APPLICATION

Project Location and Information:

Address: 12615 County House Rd, Town of Barre, New York
Tax Map Number: 93.-1-3.1
Current Use of the Property / Building: Communications Tower
Proposed Use of the Property / Building: Communications Tower

Owner Identification:

Owners Name: Verizon Wireless
Address of Owner: 1275 John Street, Suite #100,
City, State, Zip: West Henrietta, NY 14586
Phone Numbers: Home: _____ Work: 813-785-7954 Cell: _____
Proof of Ownership: (attach deed)

Type of Construction or Improvement:

New Building – Proposed Use is _____
 Conversion – Current Use is _____ Proposed Use is _____
 Addition Alteration Repair / Replacement
 Misc. Equipment Demolition Relocation

Description of Project:

Adding (3) Three New Antennas on to the already existing mount on existing cell tower.
The proposed three (3) antennas will be installed next to the existing
antennas currently installed on the mount on the cell tower. No change to equipment on the ground.

Estimated Project Cost:

Contractor estimate for the work to be performed: \$20,000
(Attach List of Designers/ Contractors/ & Certificates of Insurance)
If the work is to be performed by the Homeowner: A 1 ENGINEERING SERVICE, PLLC 3000 REGENCY PARKWAY SUITE 100 CARY, NC 27518 PHONE: (919) 468-

Projection Location and Details:

Please attach a plot plan, survey and/or sketch. A plot plan or sketch of the work to be performed must be made a part of this application. The plan must include the following:

1. Location of the proposed structure or addition showing the number of stories and all exterior dimensions and square footage.
2. The distance of the proposal from all lot lines.
3. The depth of the proposed foundation or footers.
4. The distance of the proposal from any structures.
5. The maximum percentage of the lot to be covered by building.
6. Addition will be used as:

Family Room Living Room Kitchen
 Den Bedroom Bath Full or Half
 Other (please describe) _____
7. Basement: Full Partial Crawl Slab
8. Garage: Attached Detached Utilities: _____
9. Deck /Porch: Open Covered Enclosed Screened

I, hereby grant the right of on- site inspection to the Town Code Enforcement Official or their Designee.

Signature: 

Date: 12-8-22