

November 18, 2022

Select Board
Town of Southwick
454 College Highway
Southwick, MA 01077

Re: Petition of Cellco Partnership d/b/a Verizon Wireless ("Verizon") for
Pole Attachment of Small Cell Communications Equipment:
SOUTHWICK_SC2_MA, 567 College Highway, Pole # 164

Dear Honorable Members of the Select Board:

Enclosed please find a Petition to the Honorable Southwick Select Board for permission to attach, maintain and operate small cell communications equipment on a utility pole located in the public right-of-way (the "Petition"). The proposed small cell equipment installation included with this petition is to be located on utility pole #164 in the ROW near the property with an address 567 College Highway.

Verizon's radio frequency engineers targeted the proposed location due to the high traffic and data demands on Verizon's network in the area. Verizon's existing macro and small cell sites are not providing adequate data capacity in this location due to population, vehicular and foot traffic, multiple wireless devices being used simultaneously and other contributing factors. This small cell site will work to offload the demand of the macro sites and will allow for increased data capacity and speed within the vicinity of the proposed small cell location.

The small cell equipment will be installed using standard commercially acceptable methods in accordance with all applicable federal, state and local laws and regulations. The proposed attachment is to a utility pole owned by Eversource. Verizon has entered into a pole attachment agreement with Eversource and is licensed to attach its wireless facilities to the pole.

As shown on the attached detailed plans, the small cell installation on the utility pole will include fiber optic cables, an unobtrusive side-mounted antenna measuring 35.4" in height and 14" in diameter; remote radio head units, conduits and cable protectors, and an electric meter with a shut-off switch. The attached plans show the proposed location, pole height, mounting height, equipment specifications and utility plan.

Without this installation, Verizon would be unable to provide specifically established coverage and capacity objectives. The utility pole is located within the limited geographic area where Verizon's radio frequency engineers determined that a wireless facility is required.

verizon✓

The Telecommunications Act of 1996

The Telecommunications Act of 1996 (the "Act") imposes restrictions affecting the standard for granting the requested relief, specifically (1) no laws or actions by any local government or planning or zoning board may prohibit, or have the effect of prohibiting, the placement, construction, or modification of communications towers, antennas or other wireless facilities in any particular geographic area, see 47 USC § 332(c)(7)(B)(i); (2) local government or planning or zoning boards may not unreasonably discriminate among providers of functionally equivalent service, see 47 USC § 332(c)(7)(B)(i); (3) health concerns may not be considered so long as emissions comply with the applicable standards of the FCC, see 47 USC § 332(c)(7)(B)(iv); and (4) decisions must be rendered within a reasonable period of time, see 47 USC § 332(c)(7)(B)(ii). The presumptively reasonable period of time established by the FCC in this instance is 60 days from the submission of a complete Petition, see 47 CFR § 1.6003(c)(1)(i).

Accordingly, under Massachusetts General Laws Chapter 166, Sections 21, 22, 25A, and the above-mentioned federal provisions, Verizon respectfully requests that the Southwick Select Board issue a Grant of Location Order to install and operate fixtures as specified herein.

Verizon respectfully requests that the Petition be added to the Select Board agenda. In accordance with the filing requirements, please find the following:

1. Petition for Pole Attachment;
2. Site Drawing;
3. Proposed Order; and
4. Authorization to attach to the Pole from Eversource.

Verizon looks forward to presenting this Petition to the Southwick Select Board. Should you require any additional information, please don't hesitate to contact me. Thank you very much.

Very truly yours,

Paula Foley

Paula Foley
Network Real Estate / Regulatory Consultant
M: 508.269.0172
Paula.foley@verizonwireless.com

PETITION FOR SMALL CELL POLE ATTACHMENT

To the Select Board of the Town of Southwick, Massachusetts

Cellco Partnership d/b/a Verizon Wireless hereby provides a petition to this Honorable Board for the location of a small cell wireless antenna, and the necessary sustaining and protecting fixtures, on a utility pole in Southwick, Massachusetts, as more particularly shown on the plans included herewith.

Pole Location

Pole Location: 567 College Highway - Utility Pole Number: 164

Proposed Equipment: Antenna, Remote Radio Heads, AC/DC Converter, associated wires, cables, meter and fiber demark box on a utility pole as shown on the attached Plans titled SOUTHWICK_SC2_MA prepared by Dewberry Engineers, Inc. with a date of 5/19/22.

Purpose: To address network coverage and capacity in the immediate area of the subject pole. Offload wireless traffic from macro sites and designed to increase throughput to customers in proximity to the pole.

Respectfully submitted,

PETITIONER:

Cellco Partnership d/b/a Verizon Wireless

Paula Foley

Paula Foley
Network Real Estate / Regulatory
15 Chestnut Street, 4th Floor
Worcester, MA 01609
M: 508.269.0172
Paula.foley@verizonwireless.com

EVERSOURCE
PHONE: 1-800-340-9822

**UTILITY POLE: VZ164
567 COLLEGE HWY
SOUTHWICK, MA 01077**



AERIAL MAP
SCALE: N.T.S.

1

1. NORTH ARROW SHOWN AS APPROXIMATE.
2. SOME COSTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
3. THIS DOCUMENT IS FOR LEASING PURPOSES ONLY, NOT FOR CONSTRUCTION.
4. POWER & FIBER TO BE COME FROM OVERHEAD WIRES, SERVICE SCHEDULED TO BE DETERMINED.
5. SITE PLAN & ELEVATIONS BASED ON SITE VISIT BY DENVERBY ENGINEERS ON 05/09/22.
6. AERIAL MAP, COORDINATES & GROUND ELEVATION BASED ON GOOGLE EARTH OBTAINED ON 05/10/22.
7. ALL EQUIPMENT TO BE INSTALLED PER LOCAL UTILITY PROVIDER REQUIREMENTS & VERIZON WIRELESS SPECIFICATIONS.
8. APPROXIMATE ADDRESS HAS BEEN PROVIDED BY VERIZON WIRELESS AND DOES NOT REFLECT THE EXACT ADDRESS FOR THIS UTILITY POLE.
9. VERIZON WIRELESS GENERAL CONTRACTOR SHALL ENSURE THAT ALL PROPOSED EQUIPMENT MEETS THE REQUIREMENTS OF THE CITY OF DENVER COMMUNITY DEVELOPMENT DEPARTMENT, THE UTILITY POLE AND THE NATIONAL ELECTRICAL SAFETY CODE.



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

FUZE ID:
2005438

LOCATION CODE:
470023

D	05/19/22	FOR SUBMITTAL
A	05/18/22	FOR COMMENT



Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3409
FAX: 617.695.3310

POLE ID:

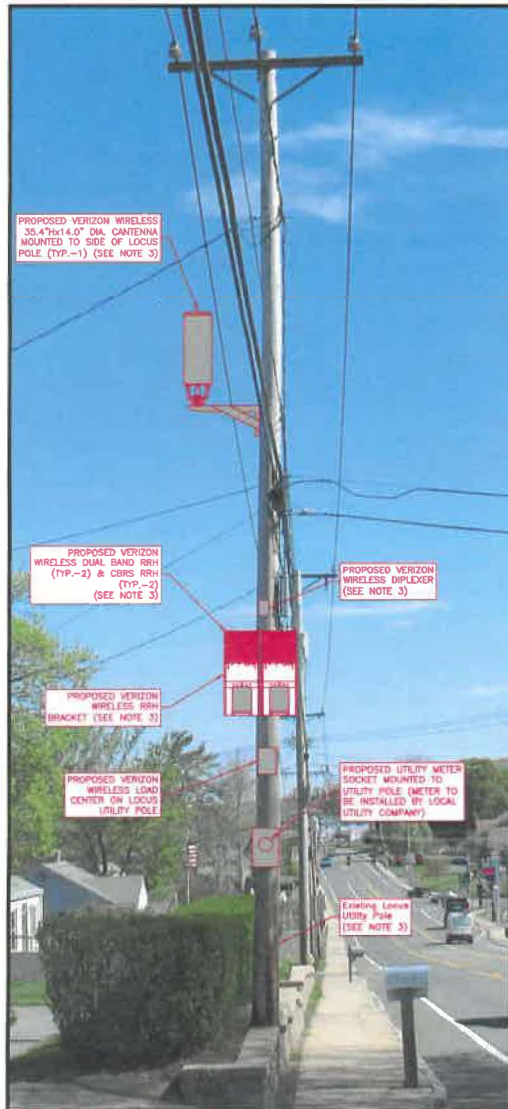
N 42.060404°
W 72.766391°

567 COLLEGE HWY
SOUTHWICK, MA 01077

AERIAL MAP

LE-1

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)

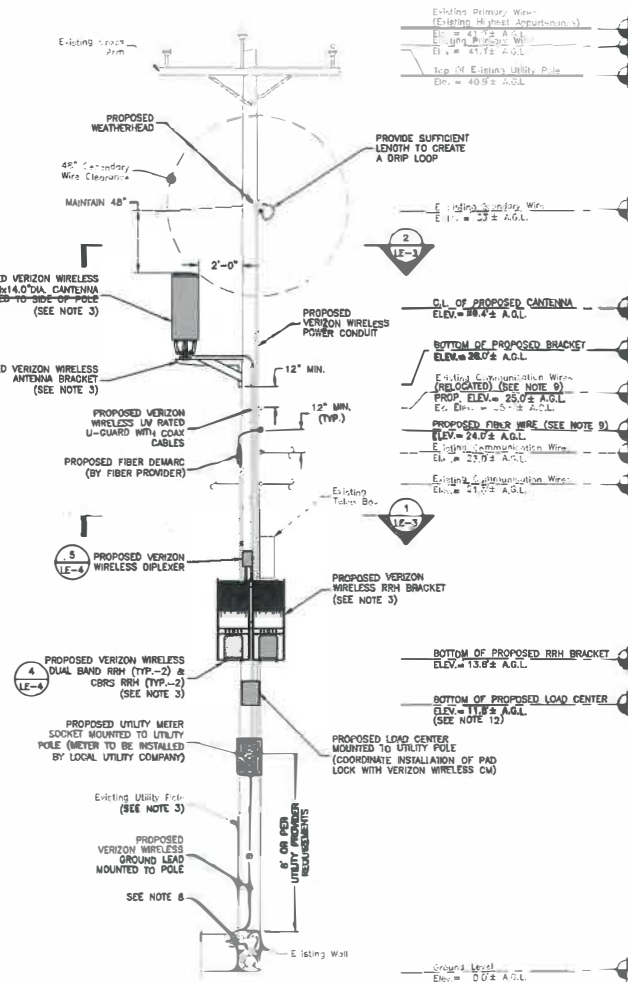


UTILITY POLE PHOTO
SCALE: N.T.S.

1

NOTES:

- ELEVATION SHOWN AS APPROXIMATE.
- SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
- ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS & IN ACCORDANCE WITH THE STRUCTURAL ANALYSIS REPORT BY DEWBERRY ENGINEERS INC. DATED 05/15/22.
- THIS DOCUMENT IS FOR LEASING PURPOSES ONLY. NOT FOR CONSTRUCTION.
- POWER & FIBER TO COME FROM OVERHEAD WIRES. SERVICE SOURCES TO BE DETERMINED.
- ALL EQUIPMENT TO BE INSTALLED PER LOCAL UTILITY PROVIDER REQUIREMENTS & VERIZON WIRELESS SPECIFICATIONS.
- A.G.L. = ABOVE GROUND LEVEL
C.L. = CENTER LINE
H.A. = HIGHEST APPURTENANCE
- CONTACT DIO SAFE (888-344-7233) FOR VERIFICATION OF UNDERGROUND UTILITIES PRIOR TO EQUIPMENT INSTALLATION.
- OVERHEAD WIRES TO BE INSTALLED/RELOCATED BY UTILITY COMPANY PER UTILITY PROVIDER REQUIREMENTS.
- ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. VERIFY FINAL MOUNT BRACKET SPECIFICATION WITH VERIZON WIRELESS CM.
- VERIZON WIRELESS SHALL PLACE WEATHER RESISTANT PHENOLIC PLACARDS ON UTILITY POLE AND ANCILLARY EQUIPMENT TO IDENTIFY EQUIPMENT OWNERSHIP & CONTACT INFORMATION TO BE UTILIZED IN CASE OF EMERGENCY.
- FINAL LOCATION OF LOAD CENTER ON THE UTILITY POLE TO BE COORDINATED WITH THE LOCAL INSPECTOR.



CONCEPTUAL POLE ELEVATION

SCALE: 3/16\"/>



2

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

D	05/19/22	FOR SUBMITTAL	
A	05/16/22	FOR COMMENT	



Dewberry Engineers Inc.
89 SUMNER STREET
SUITE 200
BOSTON, MA 02110
PHONE: 617.506.3400
FAX: 617.506.3519

DRAWN BY:	JJM
REVIEWED BY:	DAS
CHECKED BY:	AJB
PROJECT NUMBER:	50121487
JOB NUMBER:	50150895
POLE ID:	

VZ164

COORDINATES:

N 42.060404'
W 72.766391'

APPROXIMATE ADDRESS:

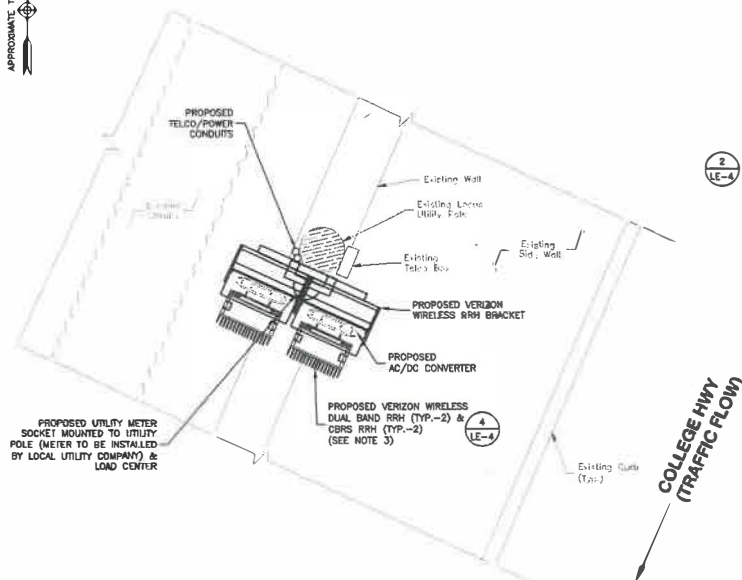
567 COLLEGE HWY
SOUTHWICK, MA 01077

SHEET TITLE

POLE PHOTO &
CONCEPTUAL ELEVATION

SHEET NUMBER

LE-2



PLAN NOTES:

1. FIBER OMARC, RISERS, DIPLEXER & OVERHEAD WIRES NOT SHOWN FOR CLARITY.

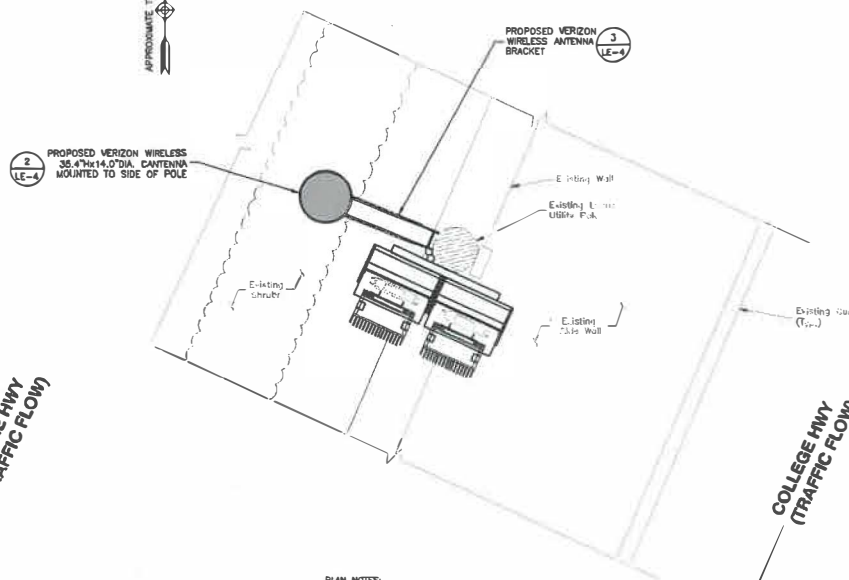
CONCEPTUAL EQUIPMENT PLAN

SCALE: 3/8"=1' FOR 11"x17"
3/4"=1' FOR 22"x34"



GENERAL NOTES:

1. NORTH ARROW SHOWN AS APPROXIMATE.
2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
3. THIS DOCUMENT IS FOR LEASING PURPOSES ONLY. NOT FOR CONSTRUCTION.
4. POWER & FIBER TO COME FROM OVERHEAD WIRES. SERVICE SOURCES TO BE DETERMINED.
5. ALL EQUIPMENT TO BE INSTALLED PER LOCAL UTILITY PROVIDER REQUIREMENTS & VERIZON WIRELESS SPECIFICATIONS.
6. A.G.L.= ABOVE GROUND LEVEL
C.L.= CENTER LINE
7. CONTACT DIG SAFE (888-344-7233) FOR VERIFICATION OF UNDERGROUND UTILITIES PRIOR TO EQUIPMENT INSTALLATION.
8. OVERHEAD WIRES TO BE INSTALLED/RELOCATED BY UTILITY COMPANY PER UTILITY PROVIDER REQUIREMENTS.
9. ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. VERIFY POLE MOUNT BRACKET SPECIFICATION WITH VERIZON WIRELESS CM.



PLAN NOTES:

1. FIBER OMARC, RISERS & OVERHEAD WIRES NOT SHOWN FOR CLARITY.
2. SEE LATEST RFDS PROVIDED BY VERIZON WIRELESS FOR PROPOSED AZIMUTHS.

CONCEPTUAL ANTENNA PLAN

SCALE: 3/8"=1' FOR 11"x17"
3/4"=1' FOR 22"x34"



LEASE EXHIBIT
(NOT FOR CONSTRUCTION)



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

0	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT



Dewberry Engineers Inc.
89 SUMNER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.2400
FAX: 617.695.3310



DRAWN BY: JIM

REVIEWED BY: OAS

CHECKED BY: AJB

PROJECT NUMBER: 50121487

JOB NUMBER: 50150895

POLE ID:

VZ164

COORDINATES:

N 42.060404°
W 72.766391°

APPROXIMATE ADDRESS:

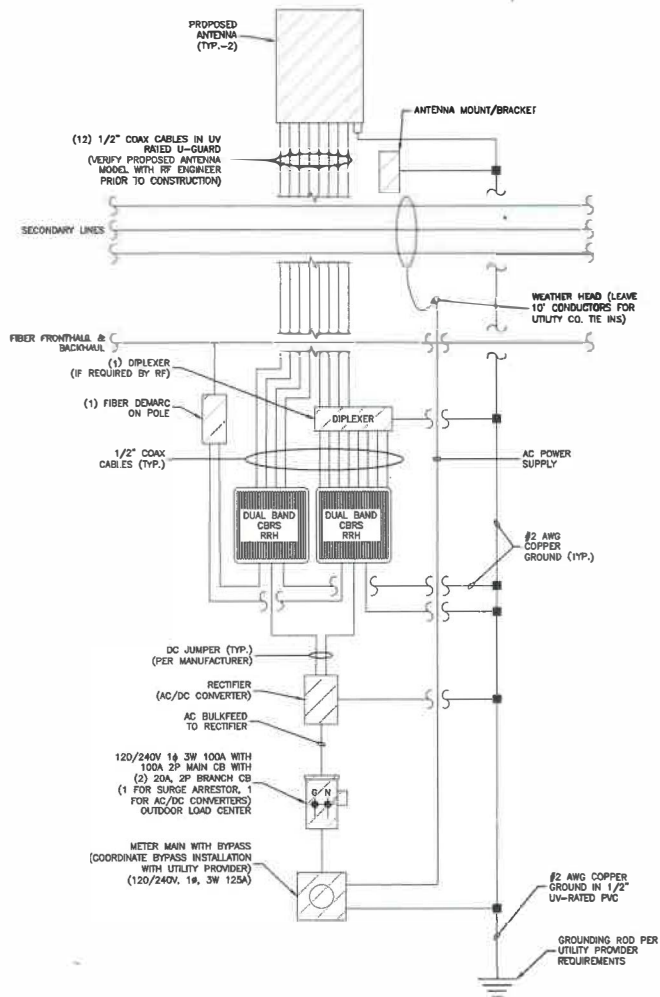
567 COLLEGE HWY
SOUTHWICK, MA 01077

SHEET TITLE

CONCEPTUAL EQUIPMENT
& ANTENNA PLANS

SHEET NUMBER

LE-3



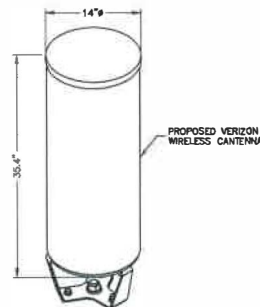
NOTES:

1. FINAL ELECTRICAL AND FIBER SOURCE PENDING FINAL DESIGN & UTILITY APPROVAL.
2. VERIZON WIRELESS TO FIELD TEST AND TIE INTO EXISTING GROUNDING SYSTEM. IF GROUNDING SYSTEM DOES NOT MEET VERIZON WIRELESS STANDARDS OR IS NOT FOUND, VERIZON WIRELESS TO NOTIFY POLE OWNER & INSTALL GROUNDING SYSTEM PER UTILITY PROVIDER & VERIZON WIRELESS REQUIREMENTS AND SPECIFICATIONS.
3. VERIFY FINAL ANTENNA DESIGN WITH RF ENGINEER.
4. CONTACT DIG SAFE (888-344-7233) FOR VERIFICATION OF UNDERGROUND UTILITIES PRIOR TO EQUIPMENT INSTALLATION.

WIRING DIAGRAM

SCALE: N.T.S.

1

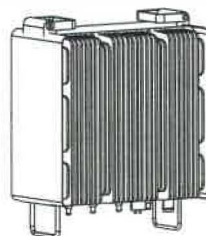


CANTENNA SPECIFICATIONS

DIMENSIONS: 35.4"±H x 14'9"±
WEIGHT: 38.6± LBS.

CANTENNA DETAIL

SCALE: N.T.S.



DIMENSIONS: 15.0"±H x 15.9"±W x 10.0"±D
WEIGHT: 97.5± LBS
QUANTITY: 1 TOTAL

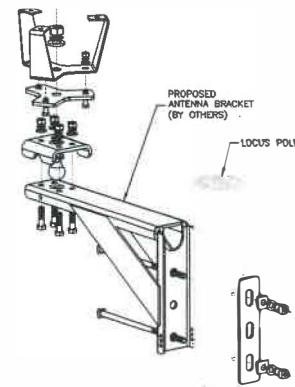


DIMENSIONS: 13.9"±H x 9.8"±W x 4.8"±D
WEIGHT: 21.4± LBS
QUANTITY: 1 TOTAL

RRH DETAILS

SCALE: N.T.S.

4



NOTES:

1. INSTALL ANTENNA USING RECOMMENDED HARDWARE IN ACCORDANCE WITH MANUFACTURER GUIDELINES & SPECIFICATIONS.
2. VERIFY FINAL MOUNTING BRACKET SPECIFICATIONS WITH VERIZON WIRELESS CM PRIOR TO CONSTRUCTION.

MOUNTING BRACKET DETAIL

SCALE: N.T.S.



DIPLEXER SPECIFICATION

DIMENSIONS: 4.8"±H x 7.9"±W x 3.3"±D
WEIGHT: 7.8± LBS.

DIPLEXER DETAIL

SCALE: N.T.S.

5

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)

verizon
WIRELESS

VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

0	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT

Dewberry

Dewberry Engineers Inc.
99 SUMMIT STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.699.3400
FAX: 617.699.3310

DRAWN BY:	JJM
REVIEWED BY:	DAS
CHECKED BY:	AJB
PROJECT NUMBER:	50121487
JOB NUMBER:	50150893
POLE ID:	

VZ164

COORDINATES:	
N 42.060404°	
W 72.766391°	
APPROXIMATE ADDRESS:	

567 COLLEGE HWY
SOUTHWICK, MA 01077

SHEET TITLE

CANTENNA & RRH
EQUIPMENT DETAILS

SHEET NUMBER

LE-4

ORDER FOR GRANT OF LOCATION

UNDER MGL c. 166, §§ 22 and 25A

By the Select Board of the Town of Southwick, Massachusetts

Notice having been given and public hearing held, as provided by law,

IT IS HEREBY ORDERED:

That Cellco Partnership d/b/a Verizon Wireless ("Verizon") be and is hereby granted a location for and permission to install and maintain telecommunications wires and wireless attachments and appurtenances, including fiber optic cable, remote nodes and pole-top antenna, to be attached to existing Eversource / Verizon utility pole #164 located in the Public Right of Way within the Town of Southwick, as substantially shown on the plans filed with said Petition for SOUTHWICK_SC2_MA.

The foregoing permission is subject to the following conditions:

See Plans filed with this order.

There may be attached to said pole:

- Antenna;
- Remote Radio Head(s);
- Mounting Brackets;
- Overhead Wires;
- Conduit;
- Cable;
- Diplexer;
- Meter;
- Converter;
- Disconnect; and
- Each sustaining and protecting fixtures as it may find necessary.

I hereby certify that the foregoing was adopted at a meeting of the Select Board of the Town of Southwick, Massachusetts, held on the _____ day of _____, 2022.

Clerk of Select Board

We hereby certify that on _____, 2022, at _____ o'clock __M., at Southwick, Massachusetts, a public hearing was held on the petition of Cellco Partnership d/b/a Verizon Wireless for permission to install a small cell wireless antenna, and the necessary sustaining and protecting fixtures on utility pole #164 described in the order herewith recorded, and that we mailed written notice of the time and place of said hearing to each of the owners of real estate (as determined by the last preceding assessment for taxation) along the way or parts of ways upon which said Company is permitted to install a small cell wireless antenna, and the necessary sustaining and protecting fixtures on utility pole #164 under said order and that thereupon said order was duly adopted.

Select Board of the Town of Southwick,
Massachusetts:

CERTIFICATE

I hereby certify that the foregoing is a true copy of a location order, and certificate of hearing with notice adopted by the Select Board of the Town of Southwick, Massachusetts, on the ____ day of _____, 2022 and recorded with the records of location orders of said Town, Book _____, Page _____. This certified copy is made under the provisions of Chapter 166 of the General Laws and any additions thereto or amendments thereof.

Attest:

Town Clerk

Appendix IV Form 1

Wireless Pole Attachment Application

Licensee Name Verizon Wireless Application Number SOUTHWICK MA SC2 - 470023
Street Address 49 Brattle St City Arlington State MA Zip Code 02474
Submittal Date 8/17/2022

In accordance with the terms and conditions of the Pole Attachment Agreement, application is hereby made for License to make
1 attachment located in the municipality of Southwick.

Licensee Employee Corey Vaccaro
Signature Corey Vaccaro
Telephone Number 781 - 227 - 1314
E-Mail cvaccaro@structureconsulting.net

Instructions:

1. Each application submitted by Licensee must be numbered sequentially in the order in which Licensee requests the applications be processed.
2. Provide a separate application for each pole
3. Include a sketch of the proposed installation.
4. The Licensee shall submit an electronic copy of this application to WMECO.

*****This area for licensor use only, do not write below this line*****

Pole Attachment License Application Number SOUTHWICK MA SC2 - 470023 is hereby granted to make the attachments described above
located in the municipality of Southwick. The specific pole information including your height of attachment can be found on Form 3.

Licensed Joint Poles 1
Licensed Full Electric Poles
Excluded Poles

Licensor Employee Richard A Comeau 8/17/2022
Signature Richard A Comeau 8/17/2022
Telephone Number 781-441-8162
E-Mail richard.comeau@eversource.com

In accordance with Article 3.3.1 of the Pole Attachment Agreement, a Pre-construction survey charge estimate of \$500.00 is to be submitted with each pole attachment application.

In accordance with Article 3.3.2 of the Pole Attachment Agreement, the Pre-Construction Survey charge will be the actual cost incurred by Licensor to complete the Pre-construction survey. The Licensee will be credited for any amount paid in excess of the Licensor's Pre-construction Survey estimate, or shall be billed for any amount in addition to Licensor's Pre-construction survey estimate, as compared to the actual costs as finally computed.

The required Pre-construction survey covering application number SOUTHWICK MA SC2 - 470023 is authorized. Enclosed is payment of the Pre-construction survey estimate in the amount of

\$500.00.

Licensee: Verizon Wireless

Name: Corey Vaccaro

Signature: Corey Vaccaro

Date: 8/17/2022

Instructions:

- 1 Licensee fills out columns C, D and E
- 2 Licenser fills out columns F through K and header
- 3 If no tag on pole enter "NT", do not leave blank
- 4 Any additional info, cross street, coordinates, etc.
List starting on column K continuing to the right as needed

Appendix IV Form 3

FIELD SURVEY / MAKE READY WORK FORM

DATE OF SURVEY:		SURVEYORS:		JOB NUMBERS					
TOWN	Southwick	EVERSOURCE		STORMS#					
LICENSEE NAME	Verizon Wireless	VERIZON		WO#					
APPLICATION#	SOUTHWICK MA SC2 - 47D023	LICENSEE		VERIZON#					
STREET NAME	POLE#		OWNERSHIP	MAKE READY	INSTALLATION APPROVED	WORK NEEDED	COMMENTS	Latitude	Longitude
	TEL	ELEC							
567 College Hwy	VZ164	NT							

580 COLLEGE HIGHWAY LLC
24 OLD FARM ROAD
WESTFIELD, MA 01085

SRZ LLC
P O BOX 1159
DEERFIELD, IL 60015

CARROLL ERIC L
PO BOX 553
SOUTHWICK, MA 01077-0553

SRZ LLC
PO BOX 9
SOUTHWICK, MA 01077

CHRIST LUTHERAN CHURCH
PO BOX 1107
SOUTHWICK, MA 01077

THELMA & MILFORD 562 LLC
P.O. BOX 100
SOUTHWICK, MA 01077

SANDERS KIRK H
SANDERS SUSAN
P.O. BOX 25
SOUTHWICK, MA 01077

V F REALTY COMPANY LLC
P O BOX 188
SOUTHWICK, MA 01077

HERBELE DAVID R & THEODOR
PO BOX 238
SOUTHWICK, MA 01077

JD'S AUTOCARE LLC
PO BOX 1496
SOUTHWICK, MA 01077

MOUNTAIN RICHARD B
PO BOX 153
SOUTHWICK, MA 01077-0153

ORGANOWSKI SANDRA A
573 COLLEGE HIGHWAY
SOUTHWICK, MA 01077

SANDERS WILLIAM K
PO BOX 326
SOUTHWICK, MA 01077-0326

SOUTHWICK GRANGE
P O BOX 846
SOUTHWICK, MA 01077



567 College Highway

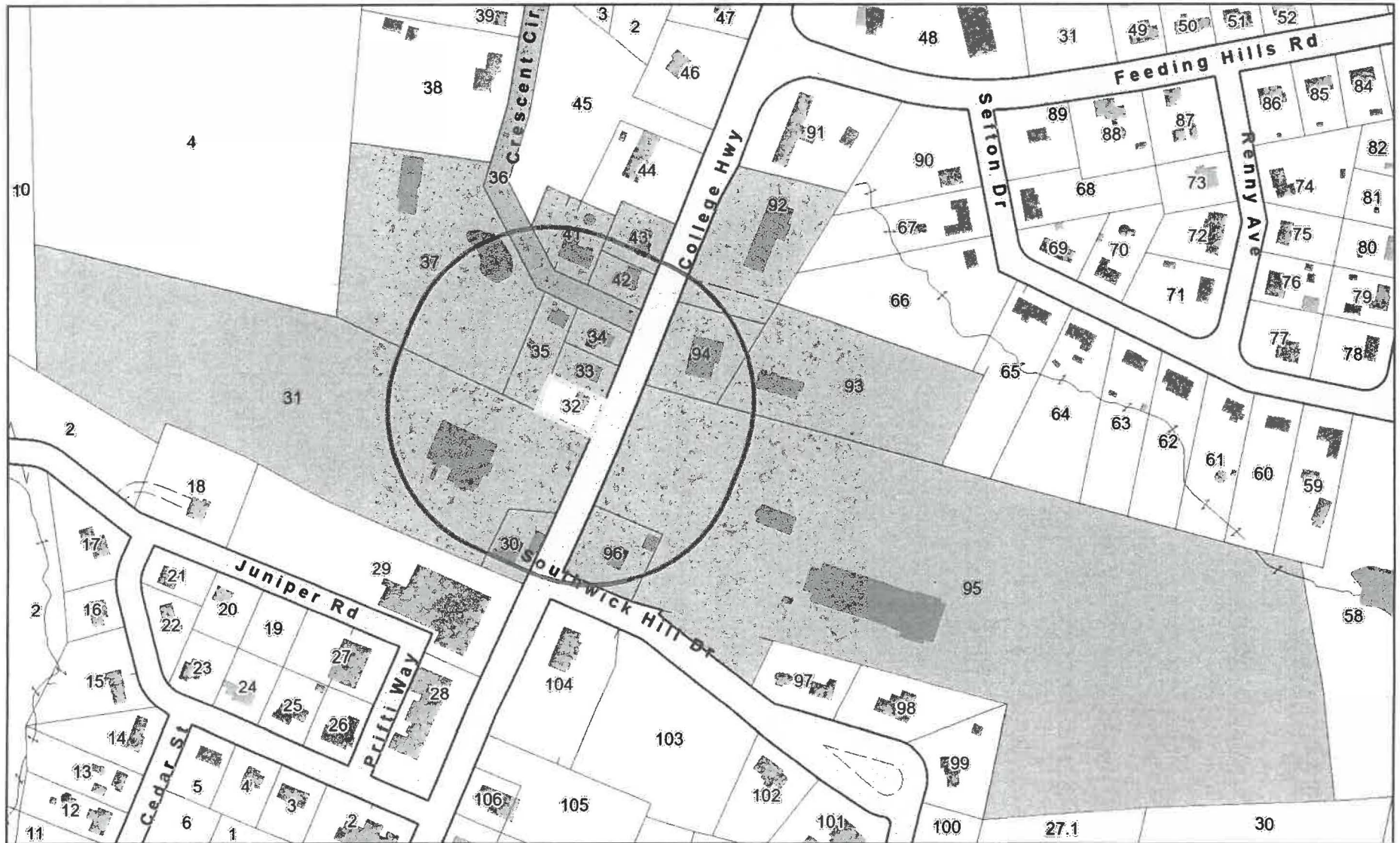
Southwick, MA

1 inch = 279 Feet



November 23, 2022

www.cai-tech.com



Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.



300 foot Abutters List Report

Southwick, MA
November 23, 2022

**A TRUE COPY
ATTEST
BOARD OF ASSESSORS
SOUTHWICK, MA**

Orley D. May

Subject Property:

Parcel Number: 076-032-000
CAMA Number: 076-032-000-000-0000
Property Address: 567 COLLEGE HIGHWAY

Mailing Address: MILLER THOMAS W & SUSAN J KELLY
567 COLLEGE HIGHWAY
SOUTHWICK, MA 01077

Abutters:

Parcel Number: 076-030-000
CAMA Number: 076-030-000-000-0000
Property Address: 555 COLLEGE HIGHWAY

Mailing Address: JD'S AUTOCARE LLC
PO BOX 1496
SOUTHWICK, MA 01077

Parcel Number: 076-031-000
CAMA Number: 076-031-000-000-0000
Property Address: 561 COLLEGE HIGHWAY

Mailing Address: V F REALTY COMPANY LLC
P O BOX 188
SOUTHWICK, MA 01077

Parcel Number: 076-033-000
CAMA Number: 076-033-000-000-0000
Property Address: 569 COLLEGE HIGHWAY

Mailing Address: CARROLL ERIC L
PO BOX 553
SOUTHWICK, MA 01077-0553

Parcel Number: 076-034-000
CAMA Number: 076-034-000-000-0000
Property Address: 573 COLLEGE HIGHWAY

Mailing Address: ORGANOWSKI SANDRA A
573 COLLEGE HIGHWAY
SOUTHWICK, MA 01077

Parcel Number: 076-035-000
CAMA Number: 076-035-000-000-0000
Property Address: 3 CRESCENT CIR

Mailing Address: MOUNTAIN RICHARD B
PO BOX 153
SOUTHWICK, MA 01077-0153

Parcel Number: 076-037-000
CAMA Number: 076-037-000-000-0000
Property Address: 5 CRESCENT CIR

Mailing Address: SANDERS WILLIAM K
PO BOX 326
SOUTHWICK, MA 01077-0326

Parcel Number: 076-041-000
CAMA Number: 076-041-000-000-0000
Property Address: 4 CRESCENT CIR

Mailing Address: SANDERS KIRK H
SANDERS SUSAN
P.O. BOX 25
SOUTHWICK, MA 01077

Parcel Number: 076-042-000
CAMA Number: 076-042-000-000-0000
Property Address: 577 COLLEGE HIGHWAY

Mailing Address: HERBELE DAVID R & THEODORA P
PO BOX 238
SOUTHWICK, MA 01077

Parcel Number: 076-043-000
CAMA Number: 076-043-000-000-0000
Property Address: 581 COLLEGE HIGHWAY

Mailing Address: SRZ LLC
PO BOX 9
SOUTHWICK, MA 01077

Parcel Number: 076-092-000
CAMA Number: 076-092-000-000-0000
Property Address: 592 COLLEGE HIGHWAY

Mailing Address: SRZ LLC
P O BOX 1159
DEERFIELD, IL 60015



www.cai-tech.com

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.

11/23/2022

Page 1 of 2



300 foot Abutters List Report

Southwick, MA
November 23, 2022

Parcel Number: 076-093-000
CAMA Number: 076-093-000-000-0000
Property Address: 578 COLLEGE HIGHWAY

Mailing Address: SOUTHWICK GRANGE
P O BOX 846
SOUTHWICK, MA 01077

Parcel Number: 076-094-000
CAMA Number: 076-094-000-000-0000
Property Address: 582 COLLEGE HIGHWAY

Mailing Address: 580 COLLEGE HIGHWAY LLC
24 OLD FARM ROAD
WESTFIELD, MA 01085

Parcel Number: 076-095-000
CAMA Number: 076-095-000-000-0000
Property Address: 568 COLLEGE HIGHWAY

Mailing Address: CHRIST LUTHERAN CHURCH
PO BOX 1107
SOUTHWICK, MA 01077

Parcel Number: 076-096-000
CAMA Number: 076-096-000-000-0000
Property Address: 562 COLLEGE HIGHWAY

Mailing Address: THELMA & MILFORD 562 LLC
P.O. BOX 100
SOUTHWICK, MA 01077



www.cai-tech.com

11/23/2022

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.

Page 2 of 2

November 18, 2022

Select Board
Town of Southwick
454 College Highway
Southwick, MA 01077

Re: Petition of Cellco Partnership d/b/a Verizon Wireless ("Verizon") for
Pole Attachment of Small Cell Communications Equipment:
SOUTHWICK_SC2_MA, 567 College Highway, Pole # 164

Dear Honorable Members of the Select Board:

Enclosed please find a Petition to the Honorable Southwick Select Board for permission to attach, maintain and operate small cell communications equipment on a utility pole located in the public right-of-way (the "Petition"). The proposed small cell equipment installation included with this petition is to be located on utility pole #164 in the ROW near the property with an address 567 College Highway.

Verizon's radio frequency engineers targeted the proposed location due to the high traffic and data demands on Verizon's network in the area. Verizon's existing macro and small cell sites are not providing adequate data capacity in this location due to population, vehicular and foot traffic, multiple wireless devices being used simultaneously and other contributing factors. This small cell site will work to offload the demand of the macro sites and will allow for increased data capacity and speed within the vicinity of the proposed small cell location.

The small cell equipment will be installed using standard commercially acceptable methods in accordance with all applicable federal, state and local laws and regulations. The proposed attachment is to a utility pole owned by Eversource. Verizon has entered into a pole attachment agreement with Eversource and is licensed to attach its wireless facilities to the pole.

As shown on the attached detailed plans, the small cell installation on the utility pole will include fiber optic cables, an unobtrusive side-mounted antenna measuring 35.4" in height and 14" in diameter; remote radio head units, conduits and cable protectors, and an electric meter with a shut-off switch. The attached plans show the proposed location, pole height, mounting height, equipment specifications and utility plan.

Without this installation, Verizon would be unable to provide specifically established coverage and capacity objectives. The utility pole is located within the limited geographic area where Verizon's radio frequency engineers determined that a wireless facility is required.

verizon✓

The Telecommunications Act of 1996

The Telecommunications Act of 1996 (the “Act”) imposes restrictions affecting the standard for granting the requested relief, specifically (1) no laws or actions by any local government or planning or zoning board may prohibit, or have the effect of prohibiting, the placement, construction, or modification of communications towers, antennas or other wireless facilities in any particular geographic area, see 47 USC § 332(c)(7)(B)(i); (2) local government or planning or zoning boards may not unreasonably discriminate among providers of functionally equivalent service, see 47 USC § 332(c)(7)(B)(i); (3) health concerns may not be considered so long as emissions comply with the applicable standards of the FCC, see 47 USC § 332(c)(7)(B)(iv); and (4) decisions must be rendered within a reasonable period of time, see 47 USC § 332(c)(7)(B)(ii). The presumptively reasonable period of time established by the FCC in this instance is 60 days from the submission of a complete Petition, see 47 CFR § 1.6003(c)(1)(i).

Accordingly, under Massachusetts General Laws Chapter 166, Sections 21, 22, 25A, and the above-mentioned federal provisions, Verizon respectfully requests that the Southwick Select Board issue a Grant of Location Order to install and operate fixtures as specified herein.

Verizon respectfully requests that the Petition be added to the Select Board agenda. In accordance with the filing requirements, please find the following:

1. Petition for Pole Attachment;
2. Site Drawing;
3. Proposed Order; and
4. Authorization to attach to the Pole from Eversource.

Verizon looks forward to presenting this Petition to the Southwick Select Board. Should you require any additional information, please don't hesitate to contact me. Thank you very much.

Very truly yours,

Paula Foley

Paula Foley
Network Real Estate / Regulatory Consultant
M: 508.269.0172
Paula.foley@verizonwireless.com

PETITION FOR SMALL CELL POLE ATTACHMENT

To the Select Board of the Town of Southwick, Massachusetts

Cellco Partnership d/b/a Verizon Wireless hereby provides a petition to this Honorable Board for the location of a small cell wireless antenna, and the necessary sustaining and protecting fixtures, on a utility pole in Southwick, Massachusetts, as more particularly shown on the plans included herewith.

Pole Location

Pole Location: 567 College Highway - Utility Pole Number: 164

Proposed Equipment: Antenna, Remote Radio Heads, AC/DC Converter, associated wires, cables, meter and fiber demark box on a utility pole as shown on the attached Plans titled SOUTHWICK_ SC2_MA prepared by Dewberry Engineers, Inc. with a date of 5/19/22.

Purpose: To address network coverage and capacity in the immediate area of the subject pole. Offload wireless traffic from macro sites and designed to increase throughput to customers in proximity to the pole.

Respectfully submitted,

PETITIONER:

Cellco Partnership d/b/a Verizon Wireless

Paula Foley

Paula Foley
Network Real Estate / Regulatory
15 Chestnut Street, 4th Floor
Worcester, MA 01609
M: 508.269.0172
Paula.foley@verizonwireless.com

SITE NAME: SOUTHWICK SC2 MA

UTILITY POLE: VZ164
567 COLLEGE HWY
SOUTHWICK, MA 01077



AERIAL MAP
SCALE: N.T.S.

1

- NOTES:
1. NORTH ARROW SHOWN AS APPROXIMATE.
 2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
 3. THIS DOCUMENT IS FOR LEASING PURPOSES ONLY. NOT FOR CONSTRUCTION.
 4. POWER & FIBER TO BE COME FROM OVERHEAD WIRES. SERVICE SOURCES TO BE DETERMINED.
 5. SITE PLAN & ELEVATIONS BASED ON SITE VISIT BY DEWBERRY ENGINEERS INC. ON 05/09/22.
 6. AERIAL MAP, COORDINATES & GROUND ELEVATION BASED ON GOOGLE EARTH OBTAINED ON 05/10/22.
 7. ALL EQUIPMENT TO BE INSTALLED PER LOCAL UTILITY PROVIDER REQUIREMENTS & VERIZON WIRELESS SPECIFICATIONS.
 8. APPROXIMATE ADDRESS HAS BEEN PROVIDED BY VERIZON WIRELESS AND DOES NOT REFLECT THE E911 ADDRESS FOR THIS UTILITY POLE.
 9. VERIZON WIRELESS GENERAL CONTRACTOR SHALL ENSURE THAT ALL PROPOSED EQUIPMENT MEETS THE REQUIREMENTS OF THE EXISTING UTILITY COMPANY AND/OR ENTITIES ON UTILITY POLE AND THE NATIONAL ELECTRICAL SAFETY CODE.



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

O	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT



Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310

DRAWN BY: JIM

REVIEWED BY: OAS

CHECKED BY: AJB

PROJECT NUMBER: 50121487

JOB NUMBER: 50150895

POLE ID:

VZ164

COORDINATES:

N 42.060404°
W 72.766391°

APPROXIMATE ADDRESS:

567 COLLEGE HWY
SOUTHWICK, MA 01077

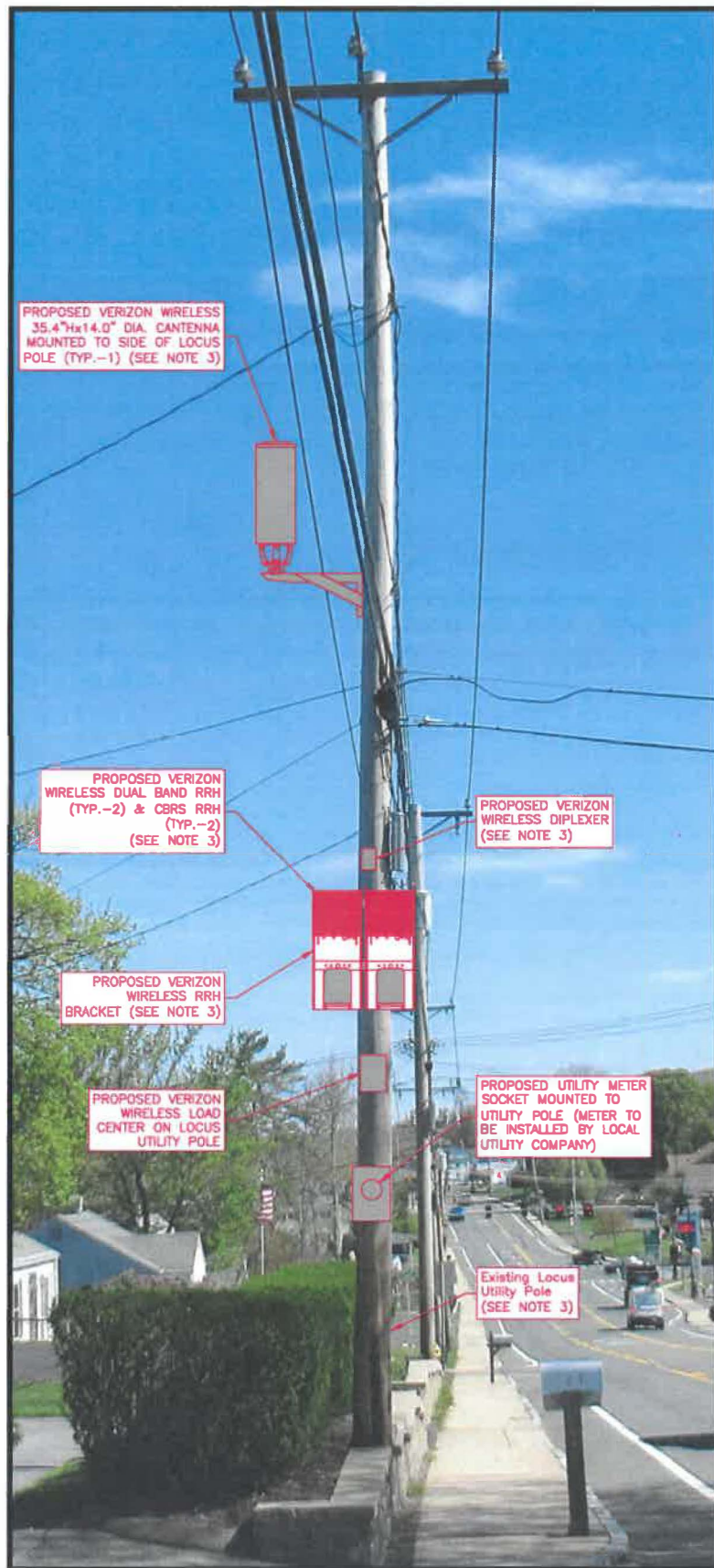
SHEET TITLE

AERIAL MAP

SHEET NUMBER

LE-1

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)

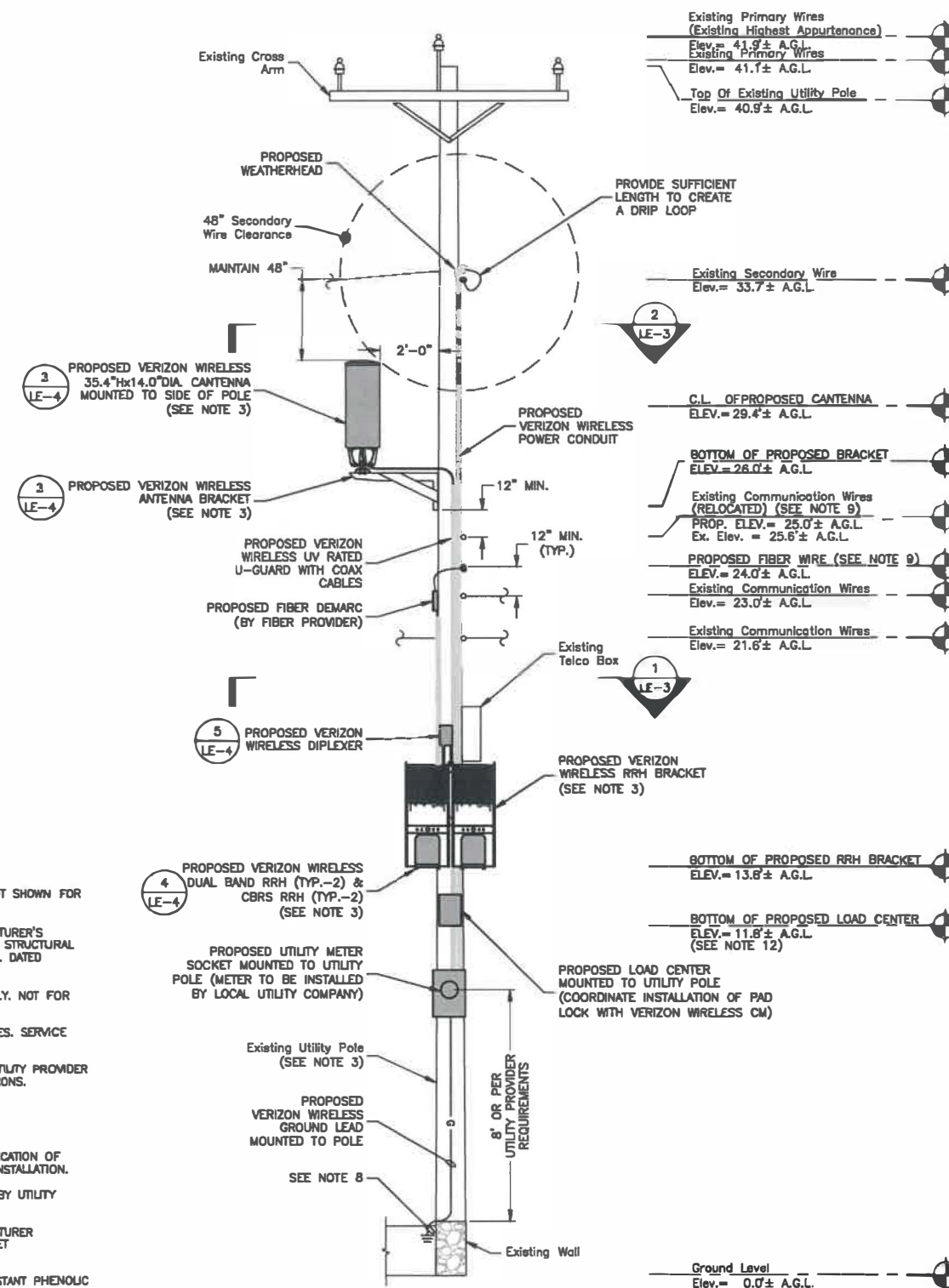


UTILITY POLE PHOTO
SCALE: N.T.S.

1

NOTES:

1. ELEVATION SHOWN AS APPROXIMATE.
2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
3. ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS & IN ACCORDANCE WITH THE STRUCTURAL ANALYSIS REPORT BY DEWBERRY ENGINEERS INC. DATED 05/18/22.
4. THIS DOCUMENT IS FOR LEASING PURPOSES ONLY. NOT FOR CONSTRUCTION.
5. POWER & FIBER TO COME FROM OVERHEAD WIRES. SERVICE SOURCES TO BE DETERMINED.
6. ALL EQUIPMENT TO BE INSTALLED PER LOCAL UTILITY PROVIDER REQUIREMENTS & VERIZON WIRELESS SPECIFICATIONS.
7. A.G.L. = ABOVE GROUND LEVEL
C.L. = CENTER LINE
H.A. = HIGHEST APPURTENANCE
8. CONTACT DIG SAFE (888-344-7233) FOR VERIFICATION OF UNDERGROUND UTILITIES PRIOR TO EQUIPMENT INSTALLATION.
9. OVERHEAD WIRES TO BE INSTALLED/RELOCATED BY UTILITY COMPANY PER UTILITY PROVIDER REQUIREMENTS.
10. ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. VERIFY FINAL MOUNT BRACKET SPECIFICATION WITH VERIZON WIRELESS CM.
11. VERIZON WIRELESS SHALL PLACE WEATHER RESISTANT PHENOLIC PLACARDS ON UTILITY POLE AND ANCILLARY EQUIPMENT TO IDENTIFY EQUIPMENT OWNERSHIP & CONTACT INFORMATION TO BE UTILIZED IN CASE OF EMERGENCY.
12. FINAL LOCATION OF LOAD CENTER ON THE UTILITY POLE TO BE COORDINATED WITH THE LOCAL INSPECTOR.



CONCEPTUAL POLE ELEVATION

SCALE: 3/16\"/>



2

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

0	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT



Dewberry Engineers Inc.
90 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310

DRAWN BY: JIM

REVIEWED BY: OAS

CHECKED BY: AJB

PROJECT NUMBER: 50121487

JOB NUMBER: 50150895

POLE ID:

VZ164

COORDINATES:

N 42.060404°
W 72.766391°

APPROXIMATE ADDRESS:

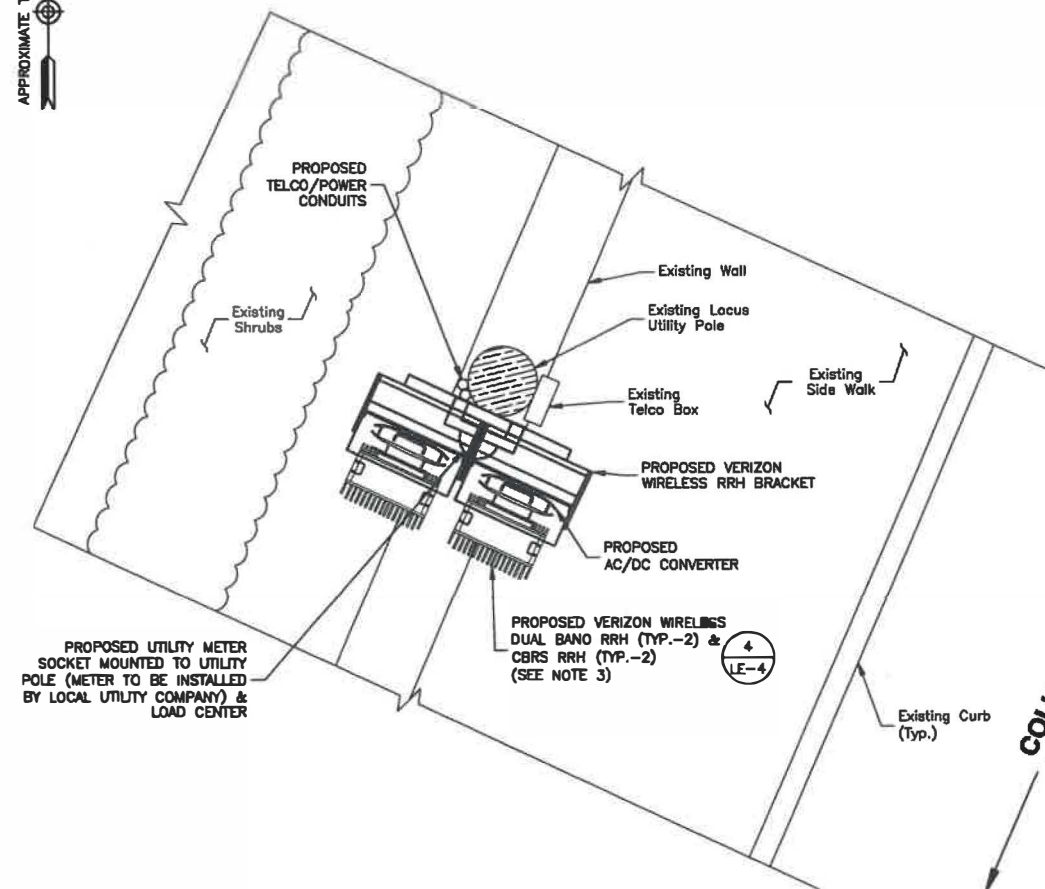
567 COLLEGE HWY
SOUTHWICK, MA 01077

SHEET TITLE

POLE PHOTO &
CONCEPTUAL ELEVATION

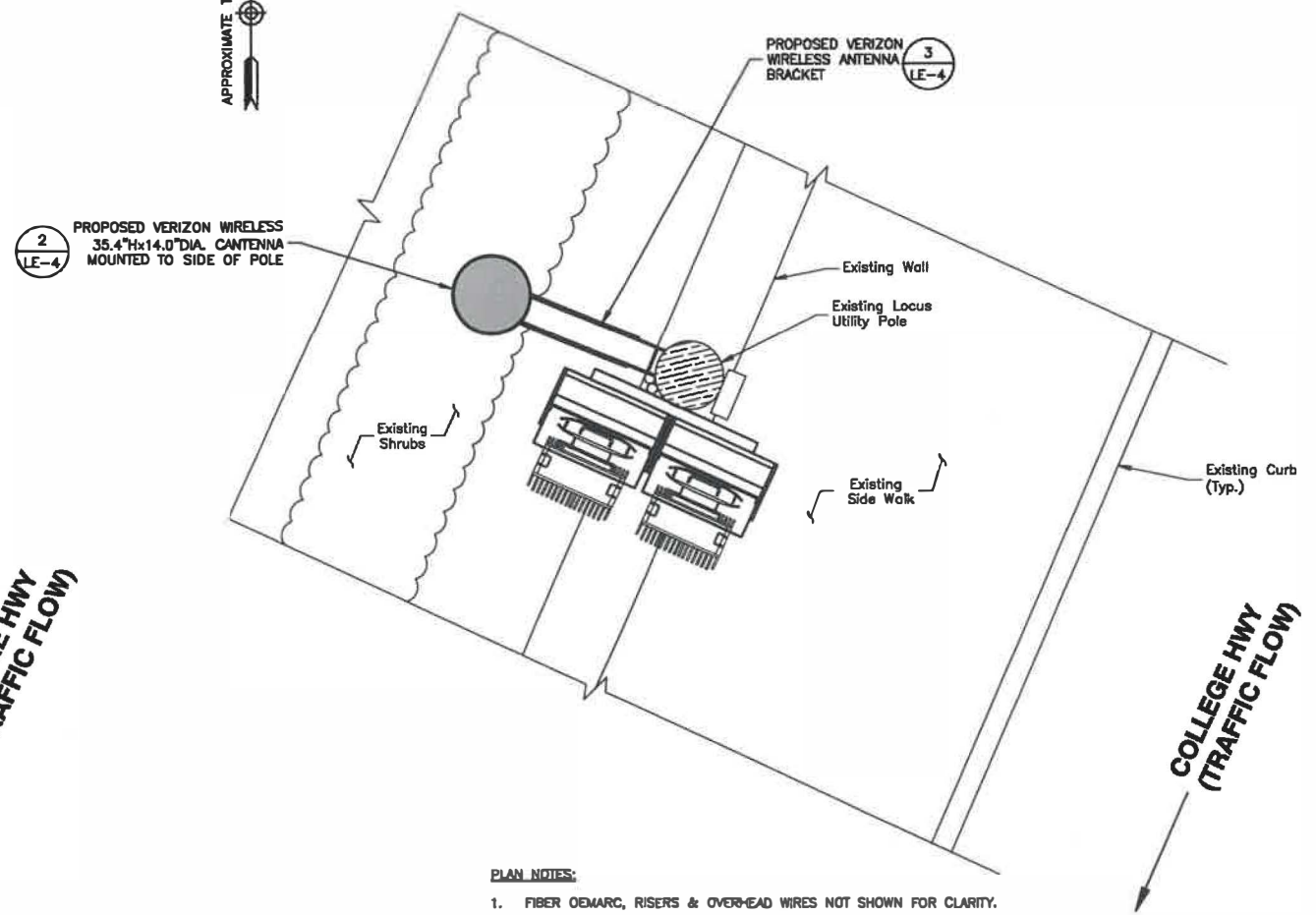
SHEET NUMBER

LE-2



PLAN NOTE:
1. FIBER DEMARC, RISERS, DIPLEXER & OVERHEAD WIRES NOT SHOWN FOR CLARITY.

CONCEPTUAL EQUIPMENT PLAN 1
SCALE: 3/8"=1' FOR 11"x17"
3/4"=1' FOR 22"x34"
0' 1' 2' 3'



PLAN NOTES:
1. FIBER DEMARC, RISERS & OVERHEAD WIRES NOT SHOWN FOR CLARITY.
2. SEE LATEST RFDS PROVIDED BY VERIZON WIRELESS FOR PROPOSED AZIMUTHS.

CONCEPTUAL ANTENNA PLAN 2
SCALE: 3/8"=1' FOR 11"x17"
3/4"=1' FOR 22"x34"
0' 1' 2' 3'

- GENERAL NOTES:
1. NORTH ARROW SHOWN AS APPROXIMATE.
 2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
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 4. POWER & FIBER TO COME FROM OVERHEAD WIRES. SERVICE SOURCES TO BE DETERMINED.
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 6. A.G.L.= ABOVE GROUND LEVEL
C.L.= CENTER LINE
 7. CONTACT DIG SAFE (888-344-7233) FOR VERIFICATION OF UNDERGROUND UTILITIES PRIOR TO EQUIPMENT INSTALLATION.
 8. OVERHEAD WIRES TO BE INSTALLED/RELOCATED BY UTILITY COMPANY PER UTILITY PROVIDER REQUIREMENTS.
 9. ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. VERIFY FINAL MOUNT BRACKET SPECIFICATION WITH VERIZON WIRELESS CM.



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

0	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT



Dewberry Engineers Inc.
80 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310

DRAWN BY:	JIM
REVIEWED BY:	OAS
CHECKED BY:	AJB
PROJECT NUMBER:	50121487
JOB NUMBER:	50150895
POLE ID:	

VZ164

COORDINATES:

N 42.060404°
W 72.766391°

APPROXIMATE ADDRESS:

567 COLLEGE HWY
SOUTHWICK, MA 01077

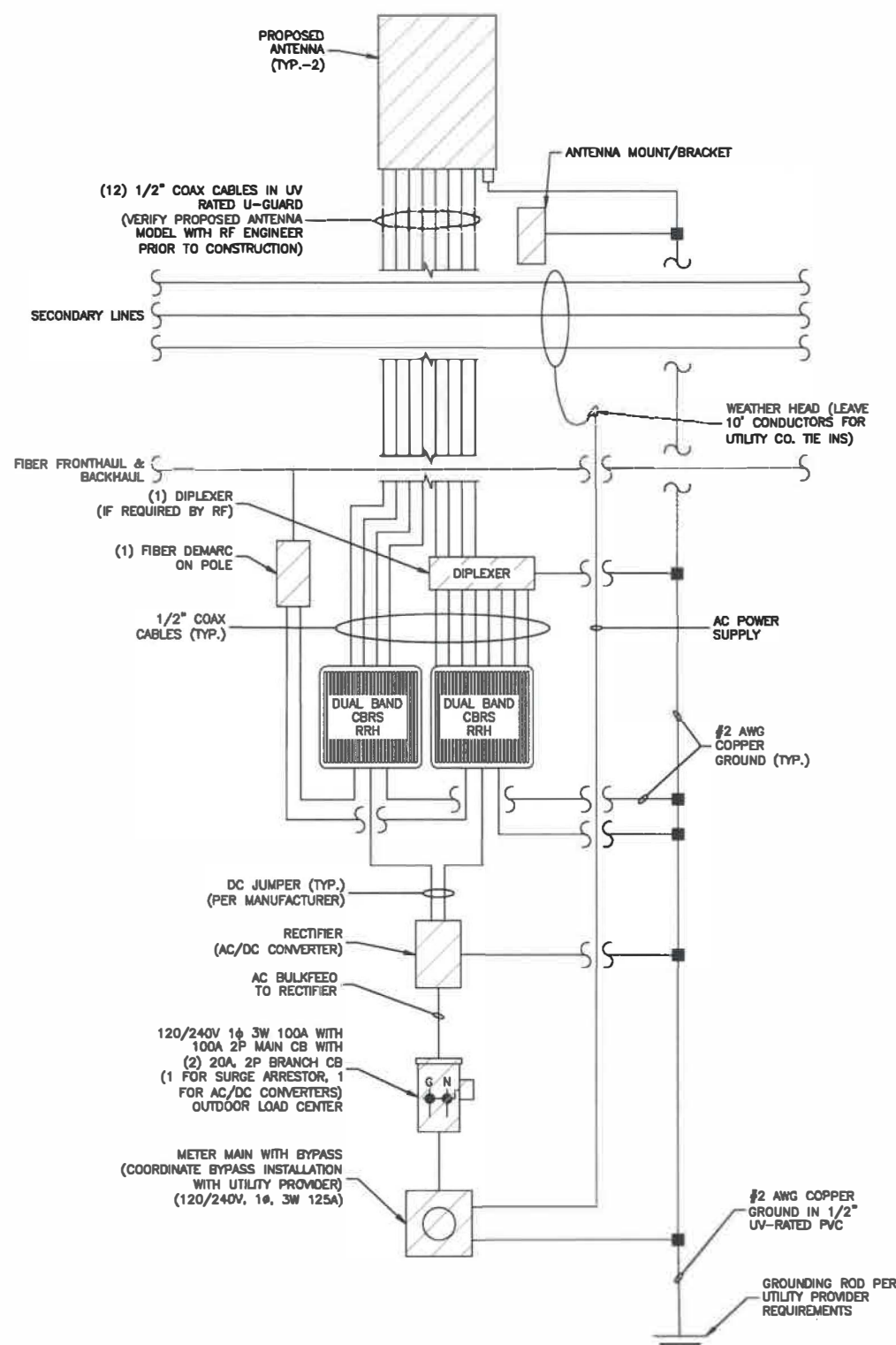
SHEET TITLE

CONCEPTUAL EQUIPMENT
& ANTENNA PLANS

SHEET NUMBER

LE-3

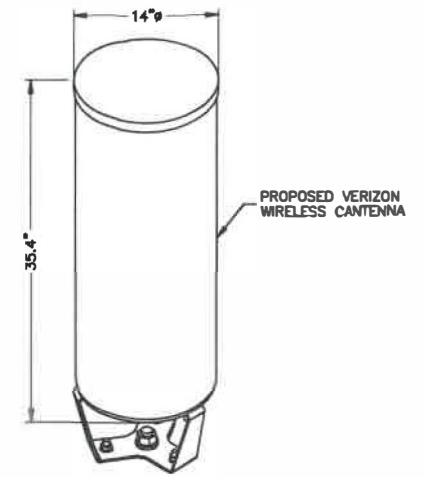
LEASE EXHIBIT
(NOT FOR CONSTRUCTION)



- NOTES:**
1. FINAL ELECTRICAL AND FIBER SOURCE PENDING FINAL DESIGN & UTILITY APPROVAL.
 2. VERIZON WIRELESS TO FIELD TEST AND TIE INTO EXISTING GROUNDING SYSTEM. IF GROUNDING SYSTEM DOES NOT MEET VERIZON WIRELESS STANDARDS OR IS NOT FOUND, VERIZON WIRELESS TO NOTIFY POLE OWNER & INSTALL GROUNDING SYSTEM PER UTILITY PROVIDER & VERIZON WIRELESS REQUIREMENTS AND SPECIFICATIONS.
 3. VERIFY FINAL ANTENNA DESIGN WITH RF ENGINEER.
 4. CONTACT DIG SAFE (888-344-7233) FOR VERIFICATION OF UNDERGROUND UTILITIES PRIOR TO EQUIPMENT INSTALLATION.

WIRING DIAGRAM
SCALE: N.T.S.

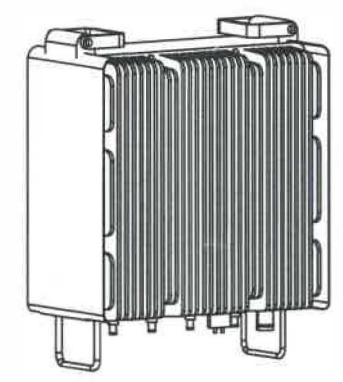
1



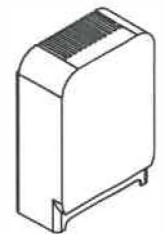
ANTENNA SPECIFICATIONS	
DIMENSIONS:	35.4"±H x 14.9"±W
WEIGHT:	38.6± LBS.

CANTENNA DETAIL
SCALE: N.T.S.

2



DIMENSIONS:	15.0"±H x 15.9"±W x 10.0"±D
WEIGHT:	97.5± LBS
QUANTITY:	1 TOTAL

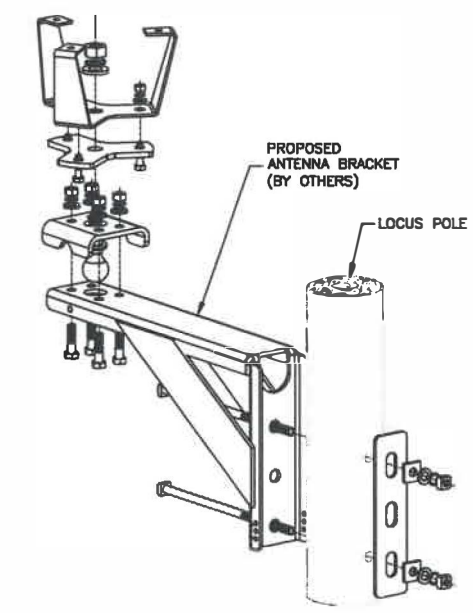


DIMENSIONS:	13.9"±H x 9.8"±W x 4.8"±D
WEIGHT:	21.4± LBS
QUANTITY:	1 TOTAL

- NOTE:**
1. CONTRACTOR TO VERIFY WITH CONSTRUCTION MANAGER FOR FINAL MANUFACTURER SPECIFICATIONS PRIOR TO CONSTRUCTION.

RRH DETAILS
SCALE: N.T.S.

4



- NOTES:**
1. INSTALL ANTENNA USING RECOMMENDED HARDWARE IN ACCORDANCE WITH MANUFACTURER GUIDELINES & SPECIFICATIONS.
 2. VERIFY FINAL MOUNTING BRACKET SPECIFICATIONS WITH VERIZON WIRELESS CM PRIOR TO CONSTRUCTION.

MOUNTING BRACKET DETAIL
SCALE: N.T.S.

3



DIPLEXER SPECIFICATION	
DIMENSIONS:	4.8"±H x 7.9"±W x 3.3"±D
WEIGHT:	7.6± LBS.

DIPLEXER DETAIL
SCALE: N.T.S.

5

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)

verizon
WIRELESS
VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA
FUZE ID:
2005438
LOCATION CODE:
470023

LEASE EXHIBIT		
0	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT

Dewberry
Dewberry Engineers Inc.
80 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.665.9400
FAX: 617.665.9310

DRAWN BY:	JIM
REVIEWED BY:	OAS
CHECKED BY:	AJB
PROJECT NUMBER:	50121487
JOB NUMBER:	50150895
POLE ID:	

VZ164
COORDINATES:
N 42.060404°
W 72.766391°
APPROXIMATE ADDRESS:

567 COLLEGE HWY
SOUTHWICK, MA 01077

SHEET TITLE
CANTENNA & RRH EQUIPMENT DETAILS
SHEET NUMBER

LE-4

ORDER FOR GRANT OF LOCATION

UNDER MGL c. 166, §§ 22 and 25A

By the Select Board of the Town of Southwick, Massachusetts

Notice having been given and public hearing held, as provided by law,

IT IS HEREBY ORDERED:

That Cellco Partnership d/b/a Verizon Wireless ("Verizon") be and is hereby granted a location for and permission to install and maintain telecommunications wires and wireless attachments and appurtenances, including fiber optic cable, remote nodes and pole-top antenna, to be attached to existing Eversource / Verizon utility pole #164 located in the Public Right of Way within the Town of Southwick, as substantially shown on the plans filed with said Petition for SOUTHWICK_SC2_MA.

The foregoing permission is subject to the following conditions:

See Plans filed with this order.

There may be attached to said pole:

- Antenna;
- Remote Radio Head(s);
- Mounting Brackets;
- Overhead Wires;
- Conduit;
- Cable;
- Diplexer;
- Meter;
- Converter;
- Disconnect; and
- Each sustaining and protecting fixtures as it may find necessary.

I hereby certify that the foregoing was adopted at a meeting of the Select Board of the Town of Southwick, Massachusetts, held on the _____ day of _____, 2022.

Clerk of Select Board

We hereby certify that on _____, 2022, at _____ o'clock __M., at Southwick, Massachusetts, a public hearing was held on the petition of Cellco Partnership d/b/a Verizon Wireless for permission to install a small cell wireless antenna, and the necessary sustaining and protecting fixtures on utility pole #164 described in the order herewith recorded, and that we mailed written notice of the time and place of said hearing to each of the owners of real estate (as determined by the last preceding assessment for taxation) along the way or parts of ways upon which said Company is permitted to install a small cell wireless antenna, and the necessary sustaining and protecting fixtures on utility pole #164 under said order and that thereupon said order was duly adopted.

Select Board of the Town of Southwick,
Massachusetts:

CERTIFICATE

I hereby certify that the foregoing is a true copy of a location order, and certificate of hearing with notice adopted by the Select Board of the Town of Southwick, Massachusetts, on the _____ day of _____, 2022 and recorded with the records of location orders of said Town, Book _____, Page _____. This certified copy is made under the provisions of Chapter 166 of the General Laws and any additions thereto or amendments thereof.

Attest:

Town Clerk

Appendix IV Form 1

Wireless Pole Attachment Application

Licensee Name Verizon Wireless Application Number SOUTHWICK MA SC2 - 470023
Street Address 49 Brattle St City Arlington State MA Zip Code 02474
Submittal Date 8/17/2022

In accordance with the terms and conditions of the Pole Attachment Agreement, application is hereby made for License to make
1 attachment located in the municipality of Southwick

Licensee Employee Corey Vaccaro
Signature Corey Vaccaro
Telephone Number 781 - 227 - 1314
E-Mail cvaccaro@structureconsulting.net

Instructions:

1. Each application submitted by Licensee must be numbered sequentially in the order in which Licensee requests the applications be processed.
2. Provide a separate application for each pole
3. Include a sketch of the proposed installation.
4. The Licensee shall submit an electronic copy of this application to WMECO.

*****This area for licensor use only, do not write below this line*****

Pole Attachment License Application Number SOUTHWICK MA SC2 - 470023 is hereby granted to make the attachments described above
located in the municipality of Southwick. The specific pole information including your height of attachment can be found on Form 3.

Licensed Joint Poles 1
Licensed Full Electric Poles
Excluded Poles

Licensor Employee Richard A Comeau 8/17/2022
Signature Richard A Comeau 8/17/2022
Telephone Number 781-441-8162
E-Mail richard.comeau@eversource.com

In accordance with Article 3.3.1 of the Pole Attachment Agreement, a Pre-construction survey charge estimate of \$500.00 is to be submitted with each pole attachment application.

In accordance with Article 3.3.2 of the Pole Attachment Agreement, the Pre-Construction Survey charge will be the actual cost incurred by Licensor to complete the Pre-construction survey. The Licensee will be credited for any amount paid in excess of the Licensor's Pre-construction Survey estimate, or shall be billed for any amount in addition to Licensor's Pre-construction survey estimate, as compared to the actual costs as finally computed.

The required Pre-construction survey covering application number SOUTHWICK MA SC2 - 470023 is authorized. Enclosed is payment of the Pre-construction survey estimate in the amount of

\$500.00.

Licensee: Verizon Wireless

Name: Corey Vaccaro

Signature: Corey Vaccaro

Date: 8/17/2022

Instructions:

- 1 Licensee fills out columns C, D and E
- 2 Licensor fills out columns F through K and header
- 3 If no tag on pole enter "NT", do not leave blank
- 4 Any additional info, cross street, coordinates, etc.
List starting on column K continuing to the right as needed

Appendix IV Form 3

FIELD SURVEY / MAKE READY WORK FORM

DATE OF SURVEY:			SURVEYORS:		JOB NUMBERS				
TOWN	Southwick		EVERSOURCE		STORMS#				
LICENSEE NAME	Verizon Wireless		VERIZON		WO#				
APPLICATION#	SOUTHWICK MA SC2 - 470023		LICENSEE		VERIZON#				
	POLE#								
STREET NAME	TEL	ELEC	OWNERSHIP	MAKE READY	INSTALLATION APPROVED	WORK NEEDED	COMMENTS	Latitude	Longitude
567 College Hwy	VZ164	NT							

November 18, 2022

Select Board
Town of Southwick
454 College Highway
Southwick, MA 01077

Re: Petition of Cellco Partnership d/b/a Verizon Wireless ("Verizon") for
Pole Attachment of Small Cell Communications Equipment:
SOUTHWICK_SC2_MA, 567 College Highway, Pole # 164

Dear Honorable Members of the Select Board:

Enclosed please find a Petition to the Honorable Southwick Select Board for permission to attach, maintain and operate small cell communications equipment on a utility pole located in the public right-of-way (the "Petition"). The proposed small cell equipment installation included with this petition is to be located on utility pole #164 in the ROW near the property with an address 567 College Highway.

Verizon's radio frequency engineers targeted the proposed location due to the high traffic and data demands on Verizon's network in the area. Verizon's existing macro and small cell sites are not providing adequate data capacity in this location due to population, vehicular and foot traffic, multiple wireless devices being used simultaneously and other contributing factors. This small cell site will work to offload the demand of the macro sites and will allow for increased data capacity and speed within the vicinity of the proposed small cell location.

The small cell equipment will be installed using standard commercially acceptable methods in accordance with all applicable federal, state and local laws and regulations. The proposed attachment is to a utility pole owned by Eversource. Verizon has entered into a pole attachment agreement with Eversource and is licensed to attach its wireless facilities to the pole.

As shown on the attached detailed plans, the small cell installation on the utility pole will include fiber optic cables, an unobtrusive side-mounted antenna measuring 35.4" in height and 14" in diameter; remote radio head units, conduits and cable protectors, and an electric meter with a shut-off switch. The attached plans show the proposed location, pole height, mounting height, equipment specifications and utility plan.

Without this installation, Verizon would be unable to provide specifically established coverage and capacity objectives. The utility pole is located within the limited geographic area where Verizon's radio frequency engineers determined that a wireless facility is required.

verizon✓

The Telecommunications Act of 1996

The Telecommunications Act of 1996 (the "Act") imposes restrictions affecting the standard for granting the requested relief, specifically (1) no laws or actions by any local government or planning or zoning board may prohibit, or have the effect of prohibiting, the placement, construction, or modification of communications towers, antennas or other wireless facilities in any particular geographic area, see 47 USC § 332(c)(7)(B)(i); (2) local government or planning or zoning boards may not unreasonably discriminate among providers of functionally equivalent service, see 47 USC § 332(c)(7)(B)(i); (3) health concerns may not be considered so long as emissions comply with the applicable standards of the FCC, see 47 USC § 332(c)(7)(B)(iv); and (4) decisions must be rendered within a reasonable period of time, see 47 USC § 332(c)(7)(B)(ii). The presumptively reasonable period of time established by the FCC in this instance is 60 days from the submission of a complete Petition, see 47 CFR § 1.6003(c)(1)(i).

Accordingly, under Massachusetts General Laws Chapter 166, Sections 21, 22, 25A, and the above-mentioned federal provisions, Verizon respectfully requests that the Southwick Select Board issue a Grant of Location Order to install and operate fixtures as specified herein.

Verizon respectfully requests that the Petition be added to the Select Board agenda. In accordance with the filing requirements, please find the following:

1. Petition for Pole Attachment;
2. Site Drawing;
3. Proposed Order; and
4. Authorization to attach to the Pole from Eversource.

Verizon looks forward to presenting this Petition to the Southwick Select Board. Should you require any additional information, please don't hesitate to contact me. Thank you very much.

Very truly yours,

Paula Foley

Paula Foley
Network Real Estate / Regulatory Consultant
M: 508.269.0172
Paula.foley@verizonwireless.com

PETITION FOR SMALL CELL POLE ATTACHMENT

To the Select Board of the Town of Southwick, Massachusetts

Cellco Partnership d/b/a Verizon Wireless hereby provides a petition to this Honorable Board for the location of a small cell wireless antenna, and the necessary sustaining and protecting fixtures, on a utility pole in Southwick, Massachusetts, as more particularly shown on the plans included herewith.

Pole Location

Pole Location: 567 College Highway - Utility Pole Number: 164

Proposed Equipment: Antenna, Remote Radio Heads, AC/DC Converter, associated wires, cables, meter and fiber demark box on a utility pole as shown on the attached Plans titled SOUTHWICK_ SC2_MA prepared by Dewberry Engineers, Inc. with a date of 5/19/22.

Purpose: To address network coverage and capacity in the immediate area of the subject pole. Offload wireless traffic from macro sites and designed to increase throughput to customers in proximity to the pole.

Respectfully submitted,

PETITIONER:

Cellco Partnership d/b/a Verizon Wireless

Paula Foley

Paula Foley
Network Real Estate / Regulatory
15 Chestnut Street, 4th Floor
Worcester, MA 01609
M: 508.269.0172
Paula.foley@verizonwireless.com

SITE NAME: SOUTHWICK SC2 MA

UTILITY POLE: VZ164
567 COLLEGE HWY
SOUTHWICK, MA 01077

APPROXIMATE TRUE NORTH



- NOTES:
1. NORTH ARROW SHOWN AS APPROXIMATE.
 2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
 3. THIS DOCUMENT IS FOR LEASING PURPOSES ONLY. NOT FOR CONSTRUCTION.
 4. POWER & FIBER TO BE COME FROM OVERHEAD WIRES. SERVICE SOURCES TO BE DETERMINED.
 5. SITE PLAN & ELEVATIONS BASED ON SITE VISIT BY DEWBERRY ENGINEERS INC. ON 05/08/22.
 6. AERIAL MAP, COORDINATES & GROUND ELEVATION BASED ON GOOGLE EARTH OBTAINED ON 05/10/22.
 7. ALL EQUIPMENT TO BE INSTALLED PER LOCAL UTILITY PROVIDER REQUIREMENTS & VERIZON WIRELESS SPECIFICATIONS.
 8. APPROXIMATE ADDRESS HAS BEEN PROVIDED BY VERIZON WIRELESS AND DOES NOT REFLECT THE E911 ADDRESS FOR THIS UTILITY POLE.
 9. VERIZON WIRELESS GENERAL CONTRACTOR SHALL ENSURE THAT ALL PROPOSED EQUIPMENT MEETS THE REQUIREMENTS OF THE EXISTING UTILITY COMPANY AND/OR ENTITIES ON UTILITY POLE AND THE NATIONAL ELECTRICAL SAFETY CODE.

AERIAL MAP
SCALE: N.T.S.

1



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

0	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT



Dewberry Engineers Inc.
88 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.665.3400
FAX: 617.665.3310

DRAWN BY: JIM

REVIEWED BY: QAS

CHECKED BY: AJB

PROJECT NUMBER: 50121487

JOB NUMBER: 50150895

POLE ID:

VZ164

COORDINATES:

N 42.060404°
W 72.766391°

APPROXIMATE ADDRESS:

567 COLLEGE HWY
SOUTHWICK, MA 01077

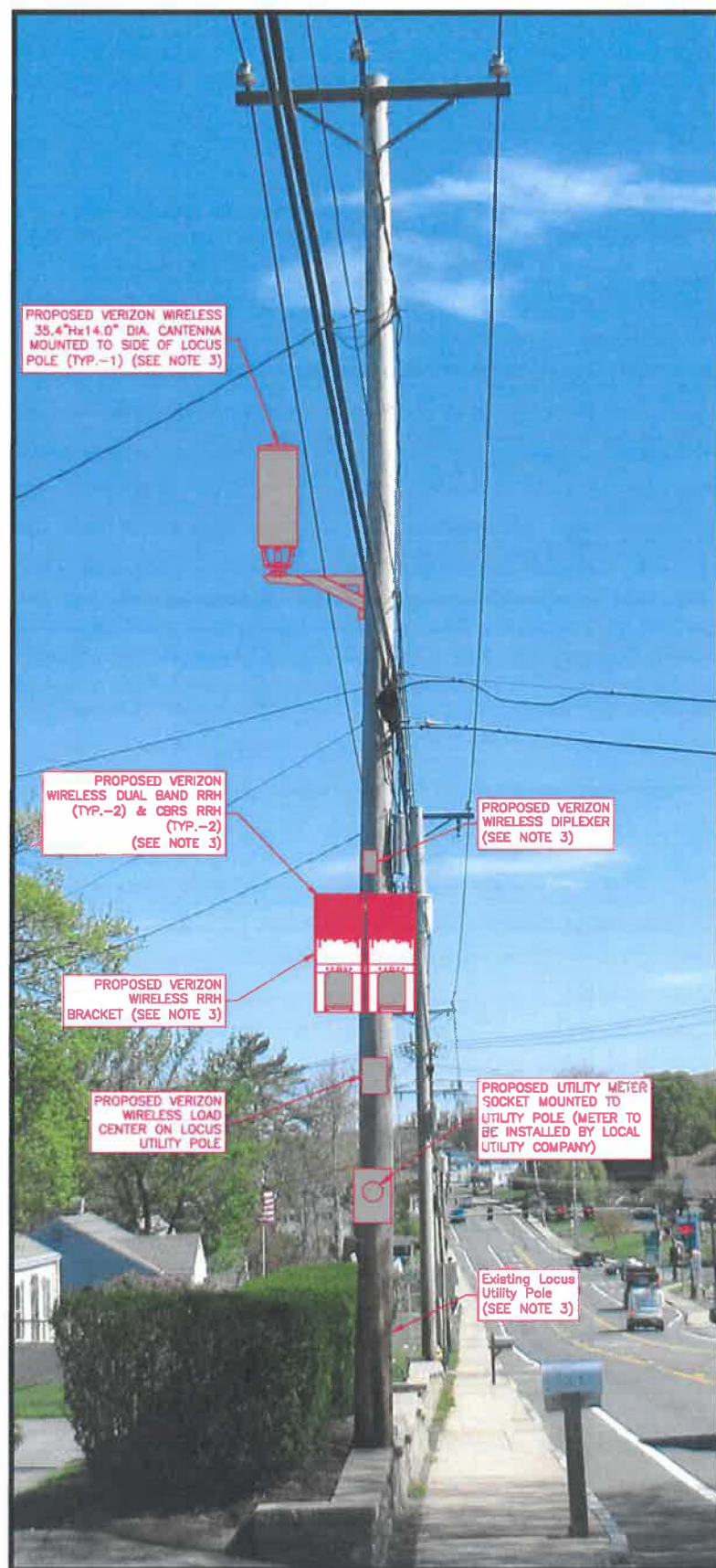
SHEET TITLE

AERIAL MAP

SHEET NUMBER

LE-1

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)

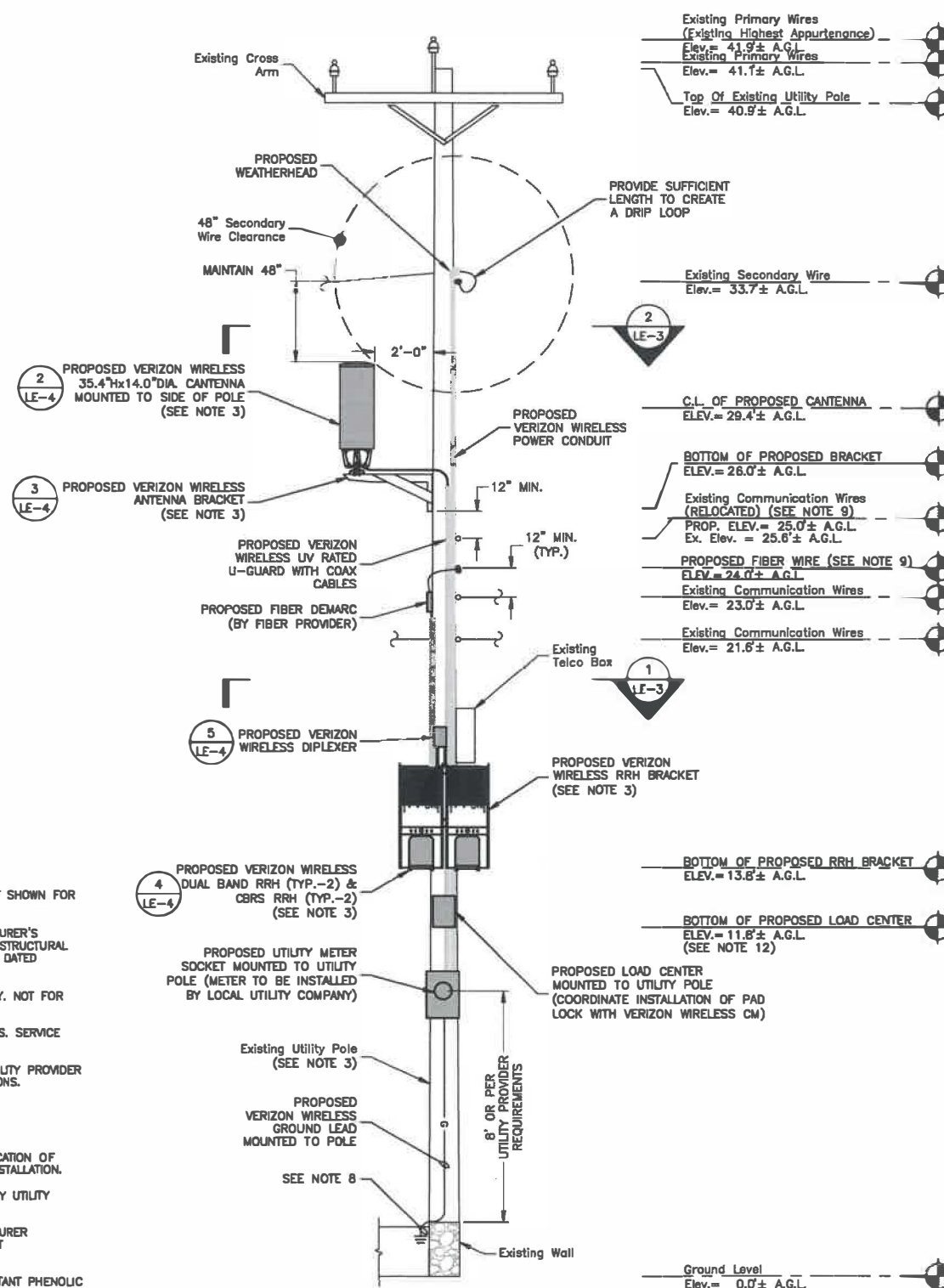


UTILITY POLE PHOTO
SCALE: N.T.S.

1

NOTES:

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C.L. = CENTER LINE
H.A. = HIGHEST APPURTENANCE
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- ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. VERIFY FINAL MOUNT BRACKET SPECIFICATION WITH VERIZON WIRELESS CM.
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- FINAL LOCATION OF LOAD CENTER ON THE UTILITY POLE TO BE COORDINATED WITH THE LOCAL INSPECTOR.



CONCEPTUAL POLE ELEVATION

SCALE: 3/16"=1' FOR 11"x17"
3/8"=1' FOR 22"x34"



2

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

0	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT



Dewberry Engineers Inc.
89 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.665.3400
FAX: 617.665.3310

DRAWN BY:	JIM
REVIEWED BY:	OAS
CHECKED BY:	AJB
PROJECT NUMBER:	50121487
JOB NUMBER:	50150895
POLE ID:	

VZ164

COORDINATES:

N 42.060404°
W 72.766391°

APPROXIMATE ADDRESS:

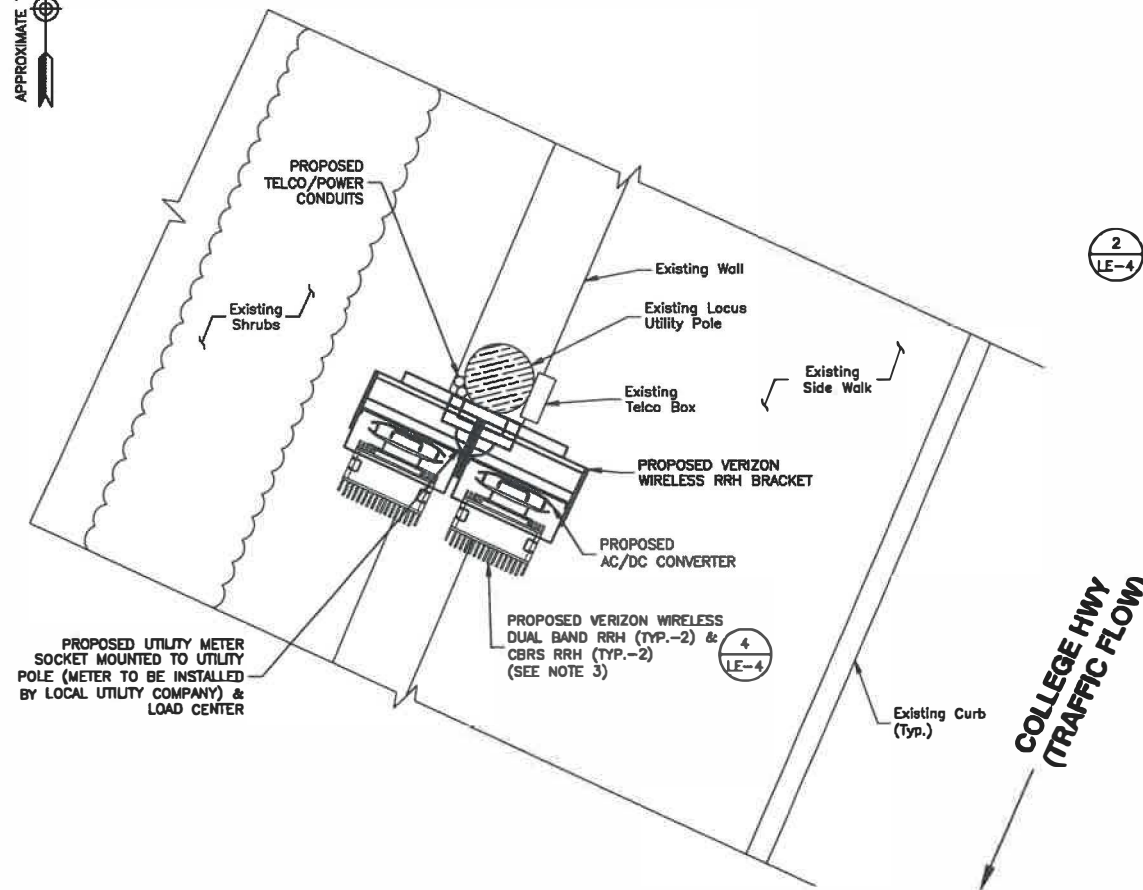
567 COLLEGE HWY
SOUTHWICK, MA 01077

SHEET TITLE

POLE PHOTO &
CONCEPTUAL ELEVATION

SHEET NUMBER

LE-2



PLAN NOTE:

1. FIBER DEMARC, RISERS, DIPLEXER & OVERHEAD WIRES NOT SHOWN FOR CLARITY.

CONCEPTUAL EQUIPMENT PLAN

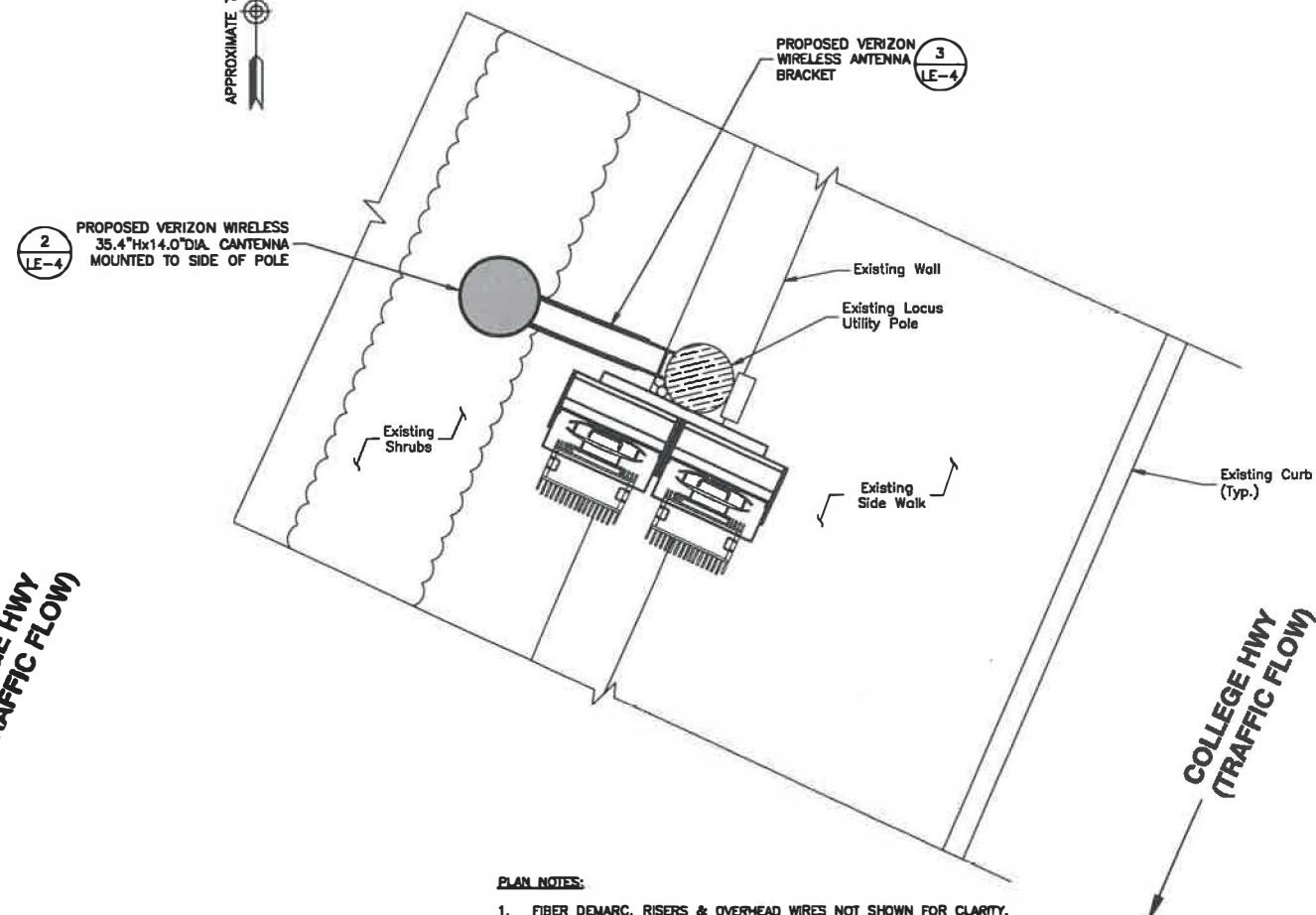
SCALE: 3/8"=1' FOR 11"x17"
3/4"=1' FOR 22"x34"



1

GENERAL NOTES:

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9. ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. VERIFY FINAL MOUNT BRACKET SPECIFICATION WITH VERIZON WIRELESS CM.



PLAN NOTES:

1. FIBER DEMARC, RISERS & OVERHEAD WIRES NOT SHOWN FOR CLARITY.
2. SEE LATEST RFDS PROVIDED BY VERIZON WIRELESS FOR PROPOSED AZIMUTHS.

CONCEPTUAL ANTENNA PLAN

SCALE: 3/8"=1' FOR 11"x17"
3/4"=1' FOR 22"x34"



2

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

0	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT



Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.885.3400
FAX: 617.885.3310

DRAWN BY: JIM

REVIEWED BY: OAS

CHECKED BY: AIB

PROJECT NUMBER: 50121487

JOB NUMBER: 50150895

POLE ID:

VZ164

COORDINATES:

N 42.060404°
W 72.766391°

APPROXIMATE ADDRESS:

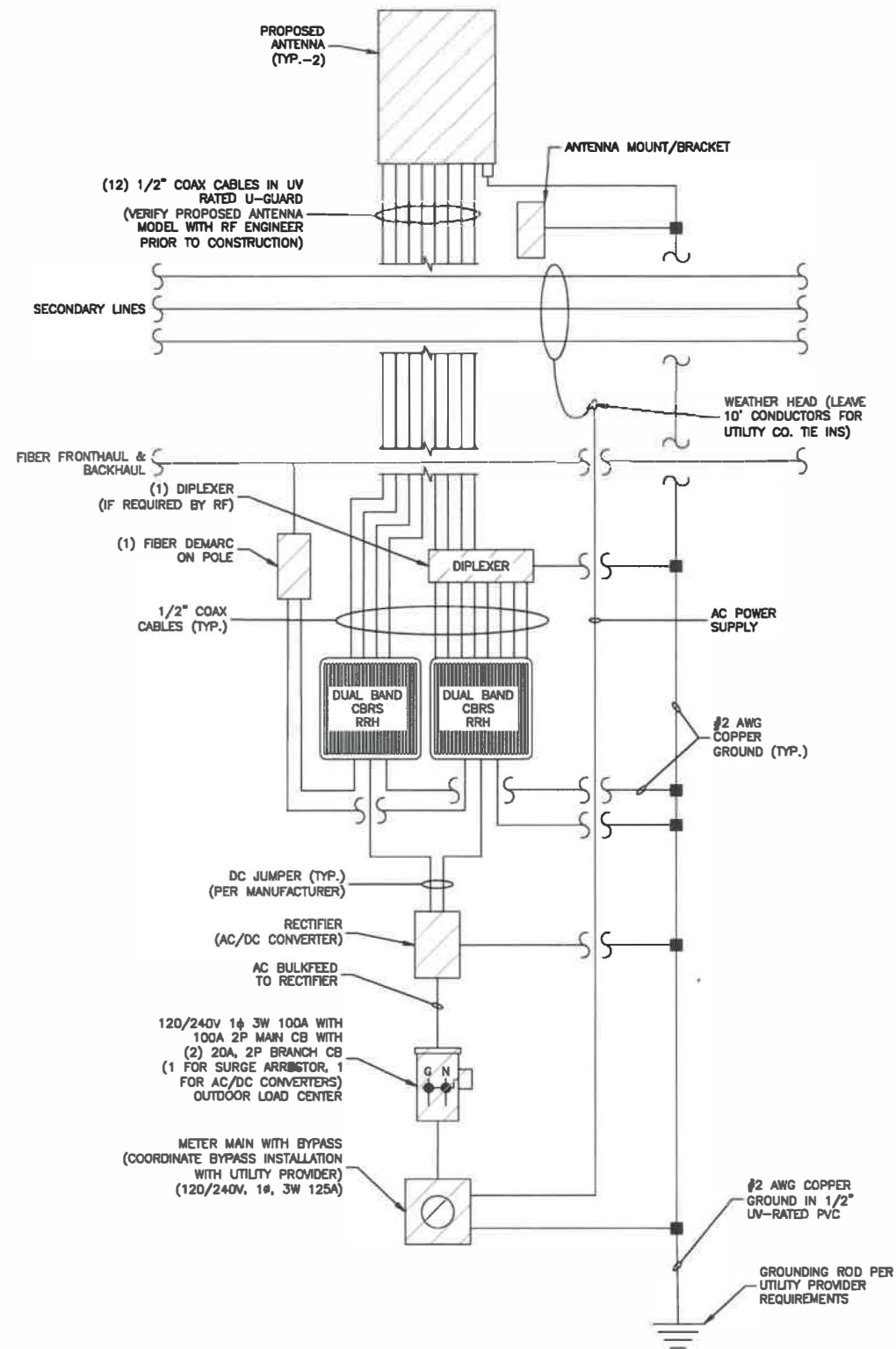
567 COLLEGE HWY
SOUTHWICK, MA 01077

SHEET TITLE

CONCEPTUAL EQUIPMENT
& ANTENNA PLANS

SHEET NUMBER

LE-3



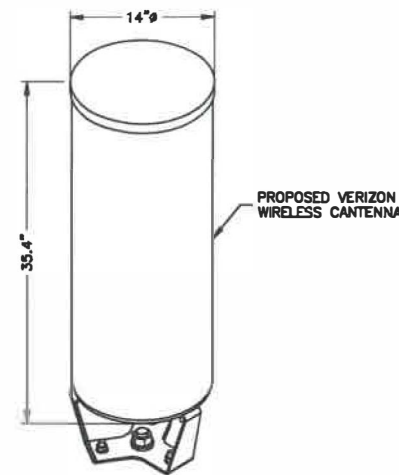
NOTES:

1. FINAL ELECTRICAL AND FIBER SOURCE PENDING FINAL DESIGN & UTILITY APPROVAL.
2. VERIZON WIRELESS TO FIELD TEST AND TIE INTO EXISTING GROUNDING SYSTEM. IF GROUNDING SYSTEM DOES NOT MEET VERIZON WIRELESS STANDARDS OR IS NOT FOUND, VERIZON WIRELESS TO NOTIFY POLE OWNER & INSTALL GROUNDING SYSTEM PER UTILITY PROVIDER & VERIZON WIRELESS REQUIREMENTS AND SPECIFICATIONS.
3. VERIFY FINAL ANTENNA DESIGN WITH RF ENGINEER.
4. CONTACT DIG SAFE (888-344-7233) FOR VERIFICATION OF UNDERGROUND UTILITIES PRIOR TO EQUIPMENT INSTALLATION.

WIRING DIAGRAM

SCALE: N.T.S.

1



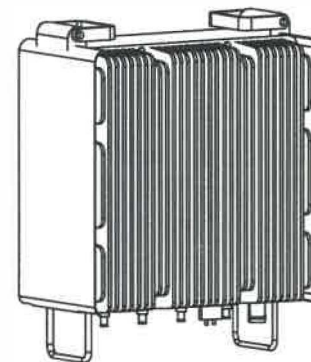
CANTENNA SPECIFICATIONS

DIMENSIONS: 35.4"±H x 14.9"±W
WEIGHT: 38.6± LBS.

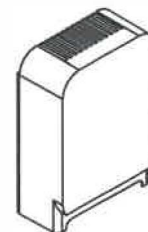
CANTENNA DETAIL

SCALE: N.T.S.

2



DIMENSIONS: 15.0"±H x 15.9"±W x 10.0"±D
WEIGHT: 97.5± LBS
QUANTITY: 1 TOTAL



DIMENSIONS: 13.9"±H x 9.8"±W x 4.8"±D
WEIGHT: 21.4± LBS
QUANTITY: 1 TOTAL

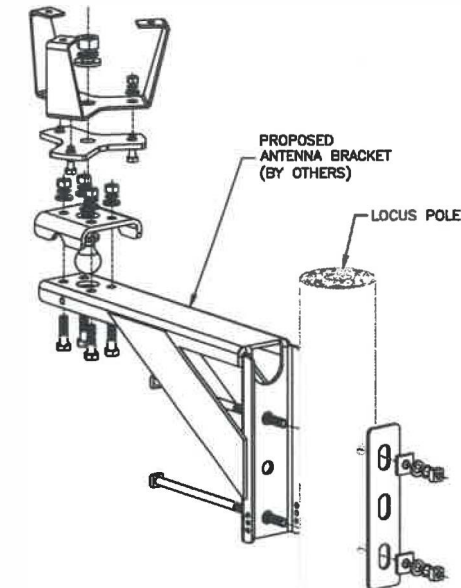
NOTE:

1. CONTRACTOR TO VERIFY WITH CONSTRUCTION MANAGER FOR FINAL MANUFACTURER SPECIFICATIONS PRIOR TO CONSTRUCTION.

RRH DETAILS

SCALE: N.T.S.

4



NOTES:

1. INSTALL ANTENNA USING RECOMMENDED HARDWARE IN ACCORDANCE WITH MANUFACTURER GUIDELINES & SPECIFICATIONS.
2. VERIFY FINAL MOUNTING BRACKET SPECIFICATIONS WITH VERIZON WIRELESS CM PRIOR TO CONSTRUCTION.

MOUNTING BRACKET DETAIL

SCALE: N.T.S.

3



DIPLEXER SPECIFICATION

DIMENSIONS: 4.8"±H x 7.9"±W x 3.3"±D
WEIGHT: 7.6± LBS.

DIPLEXER DETAIL

SCALE: N.T.S.

5

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)

verizon
WIRELESS

VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

0	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT

Dewberry

Dewberry Engineers Inc.
50 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3910

DRAWN BY:	JIM
REVIEWED BY:	OAS
CHECKED BY:	AJB
PROJECT NUMBER:	50121487
JOB NUMBER:	50150895
POLE ID:	

VZ164

COORDINATES:

N 42.060404°
W 72.766391°

APPROXIMATE ADDRESS:

567 COLLEGE HWY
SOUTHWICK, MA 01077

SHEET TITLE

CANTENNA & RRH
EQUIPMENT DETAILS

SHEET NUMBER

LE-4

ORDER FOR GRANT OF LOCATION

UNDER MGL c. 166, §§ 22 and 25A

By the Select Board of the Town of Southwick, Massachusetts

Notice having been given and public hearing held, as provided by law,

IT IS HEREBY ORDERED:

That Cellco Partnership d/b/a Verizon Wireless ("Verizon") be and is hereby granted a location for and permission to install and maintain telecommunications wires and wireless attachments and appurtenances, including fiber optic cable, remote nodes and pole-top antenna, to be attached to existing Eversource / Verizon utility pole #164 located in the Public Right of Way within the Town of Southwick, as substantially shown on the plans filed with said Petition for SOUTHWICK_SC2_MA.

The foregoing permission is subject to the following conditions:

See Plans filed with this order.

There may be attached to said pole:

- Antenna;
- Remote Radio Head(s);
- Mounting Brackets;
- Overhead Wires;
- Conduit;
- Cable;
- Diplexer;
- Meter;
- Converter;
- Disconnect; and
- Each sustaining and protecting fixtures as it may find necessary.

I hereby certify that the foregoing was adopted at a meeting of the Select Board of the Town of Southwick, Massachusetts, held on the _____ day of _____, 2022.

Clerk of Select Board

We hereby certify that on _____, 2022, at _____ o'clock __ M., at Southwick, Massachusetts, a public hearing was held on the petition of Cellco Partnership d/b/a Verizon Wireless for permission to install a small cell wireless antenna, and the necessary sustaining and protecting fixtures on utility pole #164 described in the order herewith recorded, and that we mailed written notice of the time and place of said hearing to each of the owners of real estate (as determined by the last preceding assessment for taxation) along the way or parts of ways upon which said Company is permitted to install a small cell wireless antenna, and the necessary sustaining and protecting fixtures on utility pole #164 under said order and that thereupon said order was duly adopted.

Select Board of the Town of Southwick,
Massachusetts:

CERTIFICATE

I hereby certify that the foregoing is a true copy of a location order, and certificate of hearing with notice adopted by the Select Board of the Town of Southwick, Massachusetts, on the _____ day of _____, 2022 and recorded with the records of location orders of said Town, Book _____, Page _____. This certified copy is made under the provisions of Chapter 166 of the General Laws and any additions thereto or amendments thereof.

Attest:

Town Clerk

Appendix IV Form 1

Wireless Pole Attachment Application

Licensee Name	Verizon Wireless	Application Number	SOUTHWICK MA SC2 - 470023				
Street Address	49 Brattle St	City	Arlington	State	MA	Zip Code	02474
Submittal Date	8/17/2022						

In accordance with the terms and conditions of the Pole Attachment Agreement, application is hereby made for License to make
1 attachment located in the municipality of Southwick

Licensee Employee	Corey Vaccaro
Signature	<i>Corey Vaccaro</i>
Telephone Number	781 - 227 - 1314
E-Mail	cvaccaro@structureconsulting.net

Instructions:

1. Each application submitted by Licensee must be numbered sequentially in the order in which Licensee requests the applications be processed.
2. Provide a separate application for each pole
3. Include a sketch of the proposed installation.
4. The Licensee shall submit an electronic copy of this application to WMECO.

*****This area for licensor use only, do not write below this line*****

Pole Attachment License Application Number SOUTHWICK MA SC2 - 470023 is hereby granted to make the attachments described above located in the municipality of Southwick. The specific pole information including your height of attachment can be found on Form 3.

Licensed Joint Poles	<u>1</u>
Licensed Full Electric Poles	<u> </u>
Excluded Poles	<u> </u>

Licensor Employee	Richard A Comeau 8/17/2022
Signature	<i>Richard A Comeau</i> 8/17/2022
Telephone Number	781-441-8162
E-Mail	richard.comeau@eversource.com

In accordance with Article 3.3.1 of the Pole Attachment Agreement, a Pre-construction survey charge estimate of \$500.00 is to be submitted with each pole attachment application.

In accordance with Article 3.3.2 of the Pole Attachment Agreement, the Pre-Construction Survey charge will be the actual cost incurred by Licensor to complete the Pre-construction survey. The Licensee will be credited for any amount paid in excess of the Licensor's Pre-construction Survey estimate, or shall be billed for any amount in addition to Licensor's Pre-construction survey estimate, as compared to the actual costs as finally computed.

The required Pre-construction survey covering application number SOUTHWICK MA SC2 - 470023 is authorized. Enclosed is payment of the Pre-construction survey estimate in the amount of

\$500.00

Licensee: Verizon Wireless

Name: Corey Vaccaro

Signature: *Corey Vaccaro*

Date: 8/17/2022

Instructions:

- 1 Licensee fills out columns C, D and E
- 2 Licensor fills out columns F through K and header
- 3 If no tag on pole enter "NT", do not leave blank
- 4 Any additional info, cross street, coordinates, etc.
List starting on column K continuing to the right as needed

Appendix IV Form 3

FIELD SURVEY / MAKE READY WORK FORM

DATE OF SURVEY:		SURVEYORS:		JOB NUMBERS					
TOWN	Southwick	EVERSOURCE		STORMS#					
LICENSEE NAME	Verizon Wireless	VERIZON		WO#					
APPLICATION#	SOUTHWICK MA SC2 - 470023	LICENSEE		VERIZON#					
	POLE#								
STREET NAME	TEL	ELEC	OWNERSHIP	MAKE READY	INSTALLATION APPROVED	WORK NEEDED	COMMENTS	Latitude	Longitude
567 College Hwy	VZ164	NT							

November 18, 2022

Select Board
Town of Southwick
454 College Highway
Southwick, MA 01077

Re: Petition of Cellco Partnership d/b/a Verizon Wireless ("Verizon") for
Pole Attachment of Small Cell Communications Equipment:
SOUTHWICK_SC2_MA, 567 College Highway, Pole # 164

Dear Honorable Members of the Select Board:

Enclosed please find a Petition to the Honorable Southwick Select Board for permission to attach, maintain and operate small cell communications equipment on a utility pole located in the public right-of-way (the "Petition"). The proposed small cell equipment installation included with this petition is to be located on utility pole #164 in the ROW near the property with an address 567 College Highway.

Verizon's radio frequency engineers targeted the proposed location due to the high traffic and data demands on Verizon's network in the area. Verizon's existing macro and small cell sites are not providing adequate data capacity in this location due to population, vehicular and foot traffic, multiple wireless devices being used simultaneously and other contributing factors. This small cell site will work to offload the demand of the macro sites and will allow for increased data capacity and speed within the vicinity of the proposed small cell location.

The small cell equipment will be installed using standard commercially acceptable methods in accordance with all applicable federal, state and local laws and regulations. The proposed attachment is to a utility pole owned by Eversource. Verizon has entered into a pole attachment agreement with Eversource and is licensed to attach its wireless facilities to the pole.

As shown on the attached detailed plans, the small cell installation on the utility pole will include fiber optic cables, an unobtrusive side-mounted antenna measuring 35.4" in height and 14" in diameter; remote radio head units, conduits and cable protectors, and an electric meter with a shut-off switch. The attached plans show the proposed location, pole height, mounting height, equipment specifications and utility plan.

Without this installation, Verizon would be unable to provide specifically established coverage and capacity objectives. The utility pole is located within the limited geographic area where Verizon's radio frequency engineers determined that a wireless facility is required.

verizon✓

The Telecommunications Act of 1996

The Telecommunications Act of 1996 (the "Act") imposes restrictions affecting the standard for granting the requested relief, specifically (1) no laws or actions by any local government or planning or zoning board may prohibit, or have the effect of prohibiting, the placement, construction, or modification of communications towers, antennas or other wireless facilities in any particular geographic area, see 47 USC § 332(c)(7)(B)(i); (2) local government or planning or zoning boards may not unreasonably discriminate among providers of functionally equivalent service, see 47 USC § 332(c)(7)(B)(i); (3) health concerns may not be considered so long as emissions comply with the applicable standards of the FCC, see 47 USC § 332(c)(7)(B)(iv); and (4) decisions must be rendered within a reasonable period of time, see 47 USC § 332(c)(7)(B)(ii). The presumptively reasonable period of time established by the FCC in this instance is 60 days from the submission of a complete Petition, see 47 CFR § 1.6003(c)(1)(i).

Accordingly, under Massachusetts General Laws Chapter 166, Sections 21, 22, 25A, and the above-mentioned federal provisions, Verizon respectfully requests that the Southwick Select Board issue a Grant of Location Order to install and operate fixtures as specified herein.

Verizon respectfully requests that the Petition be added to the Select Board agenda. In accordance with the filing requirements, please find the following:

1. Petition for Pole Attachment;
2. Site Drawing;
3. Proposed Order; and
4. Authorization to attach to the Pole from Eversource.

Verizon looks forward to presenting this Petition to the Southwick Select Board. Should you require any additional information, please don't hesitate to contact me. Thank you very much.

Very truly yours,

Paula Foley

Paula Foley
Network Real Estate / Regulatory Consultant
M: 508.269.0172
Paula.foley@verizonwireless.com

PETITION FOR SMALL CELL POLE ATTACHMENT

To the Select Board of the Town of Southwick, Massachusetts

Cellco Partnership d/b/a Verizon Wireless hereby provides a petition to this Honorable Board for the location of a small cell wireless antenna, and the necessary sustaining and protecting fixtures, on a utility pole in Southwick, Massachusetts, as more particularly shown on the plans included herewith.

Pole Location

Pole Location:	567 College Highway - Utility Pole Number: 164
Proposed Equipment:	Antenna, Remote Radio Heads, AC/DC Converter, associated wires, cables, meter and fiber demark box on a utility pole as shown on the attached Plans titled SOUTHWICK_ SC2_ MA prepared by Dewberry Engineers, Inc. with a date of 5/19/22.
Purpose:	To address network coverage and capacity in the immediate area of the subject pole. Offload wireless traffic from macro sites and designed to increase throughput to customers in proximity to the pole.

Respectfully submitted,

PETITIONER:

Cellco Partnership d/b/a Verizon Wireless

Paula Foley

Paula Foley
Network Real Estate / Regulatory
15 Chestnut Street, 4th Floor
Worcester, MA 01609
M: 508.269.0172
Paula.foley@verizonwireless.com

SITE NAME: SOUTHWICK SC2 MA

UTILITY POLE: VZ164
567 COLLEGE HWY
SOUTHWICK, MA 01077



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AERIAL MAP
SCALE: N.T.S.

1



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

O	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT



Dewberry Engineers Inc.
80 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.665.3400
FAX: 617.665.3810

DRAWN BY:	JIM
REVIEWED BY:	OAS
CHECKED BY:	AJB
PROJECT NUMBER:	50121487
JOB NUMBER:	50150895
POLE ID:	

VZ164

COORDINATES:
N 42.060404° W 72.766391°
APPROXIMATE ADDRESS:

567 COLLEGE HWY
SOUTHWICK, MA 01077

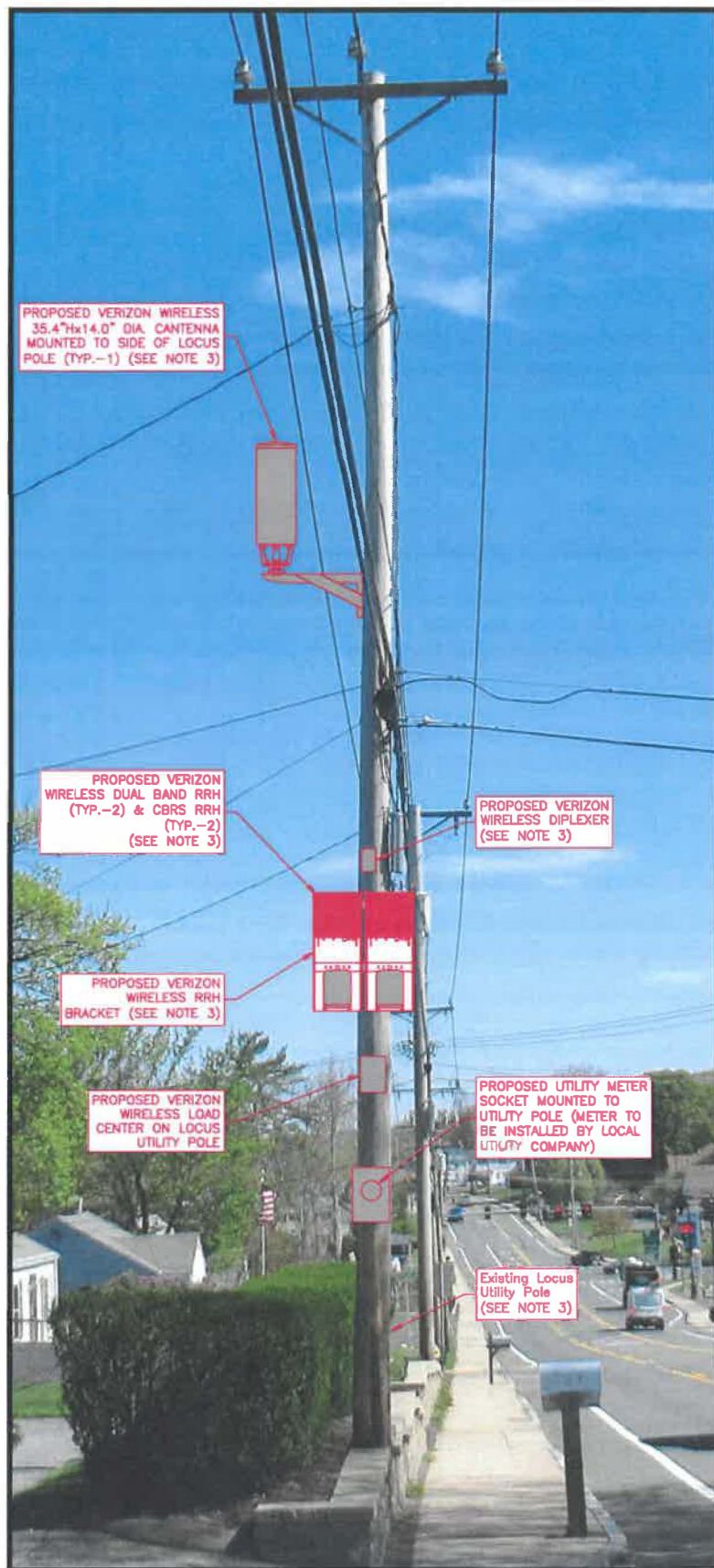
SHEET TITLE

AERIAL MAP

SHEET NUMBER

LE-1

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)

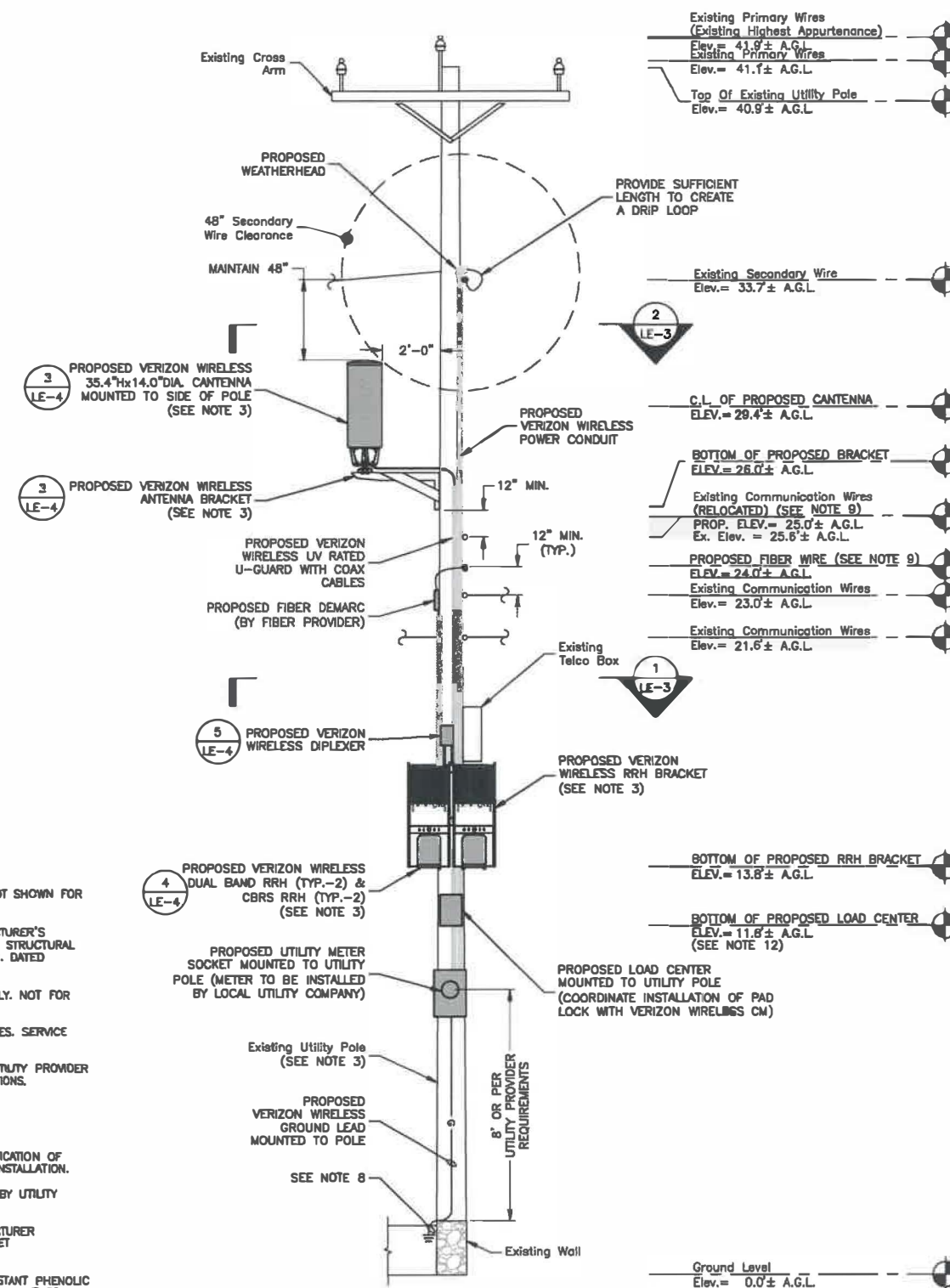


UTILITY POLE PHOTO
SCALE: N.T.S.

1

NOTES:

- ELEVATION SHOWN AS APPROXIMATE.
- SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
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C.L. = CENTER LINE
H.A. = HIGHEST APPURTENANCE
- CONTACT DIG SAFE (888-344-7233) FOR VERIFICATION OF UNDERGROUND UTILITIES PRIOR TO EQUIPMENT INSTALLATION.
- OVERHEAD WIRES TO BE INSTALLED/RELOCATED BY UTILITY COMPANY PER UTILITY PROVIDER REQUIREMENTS.
- ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. VERIFY FINAL MOUNT BRACKET SPECIFICATION WITH VERIZON WIRELESS CM.
- VERIZON WIRELESS SHALL PLACE WEATHER RESISTANT PHENOLIC PLACARDS ON UTILITY POLE AND ANCILLARY EQUIPMENT TO IDENTIFY EQUIPMENT OWNERSHIP & CONTACT INFORMATION TO BE UTILIZED IN CASE OF EMERGENCY.
- FINAL LOCATION OF LOAD CENTER ON THE UTILITY POLE TO BE COORDINATED WITH THE LOCAL INSPECTOR.



CONCEPTUAL POLE ELEVATION

SCALE: 3/16\"/>



2

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

0	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT



Dewberry Engineers Inc.
89 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.865.3400
FAX: 617.865.5910

DRAWN BY: JIM

REVIEWED BY: OAS

CHECKED BY: AJB

PROJECT NUMBER: 50121487

JOB NUMBER: 50150895

POLE ID:

VZ164

COORDINATES:

N 42.060404°
W 72.766391°

APPROXIMATE ADDRESS:

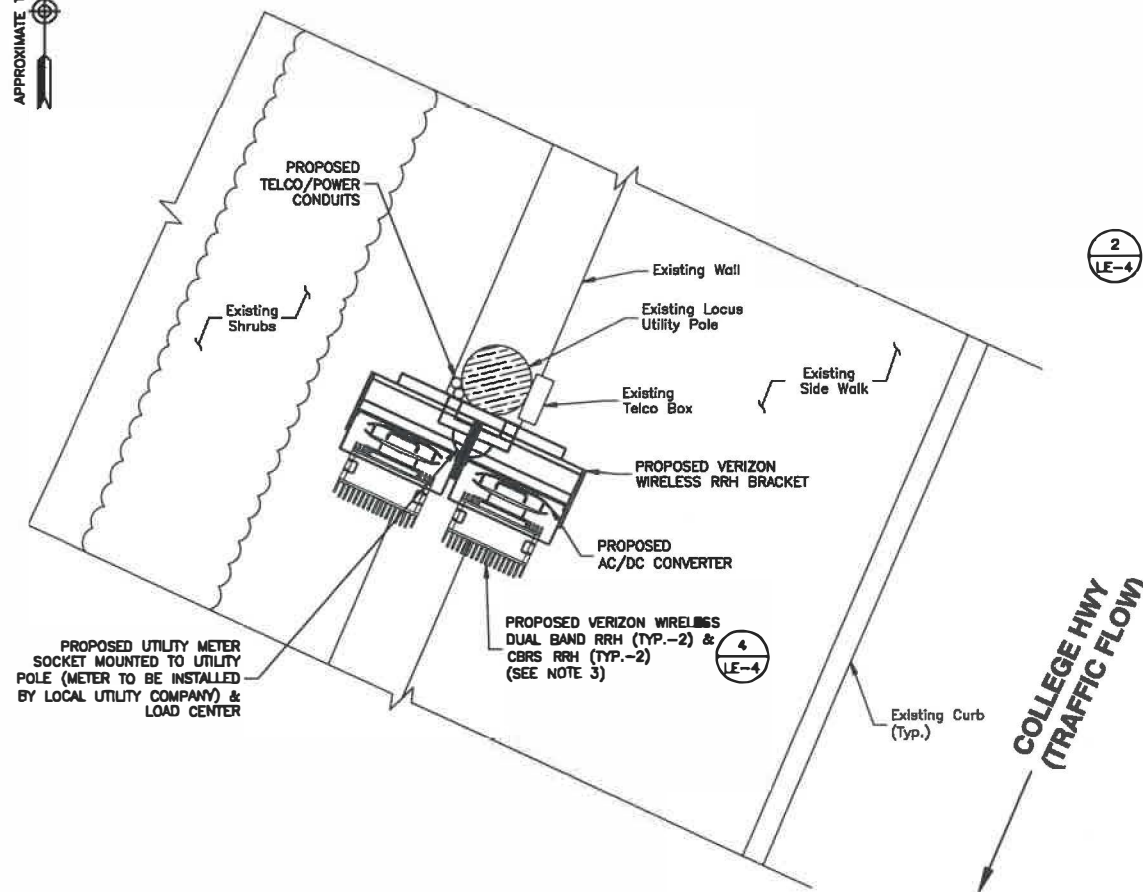
567 COLLEGE HWY
SOUTHWICK, MA 01077

SHEET TITLE

POLE PHOTO &
CONCEPTUAL ELEVATION

SHEET NUMBER

LE-2



PLAN NOTE:

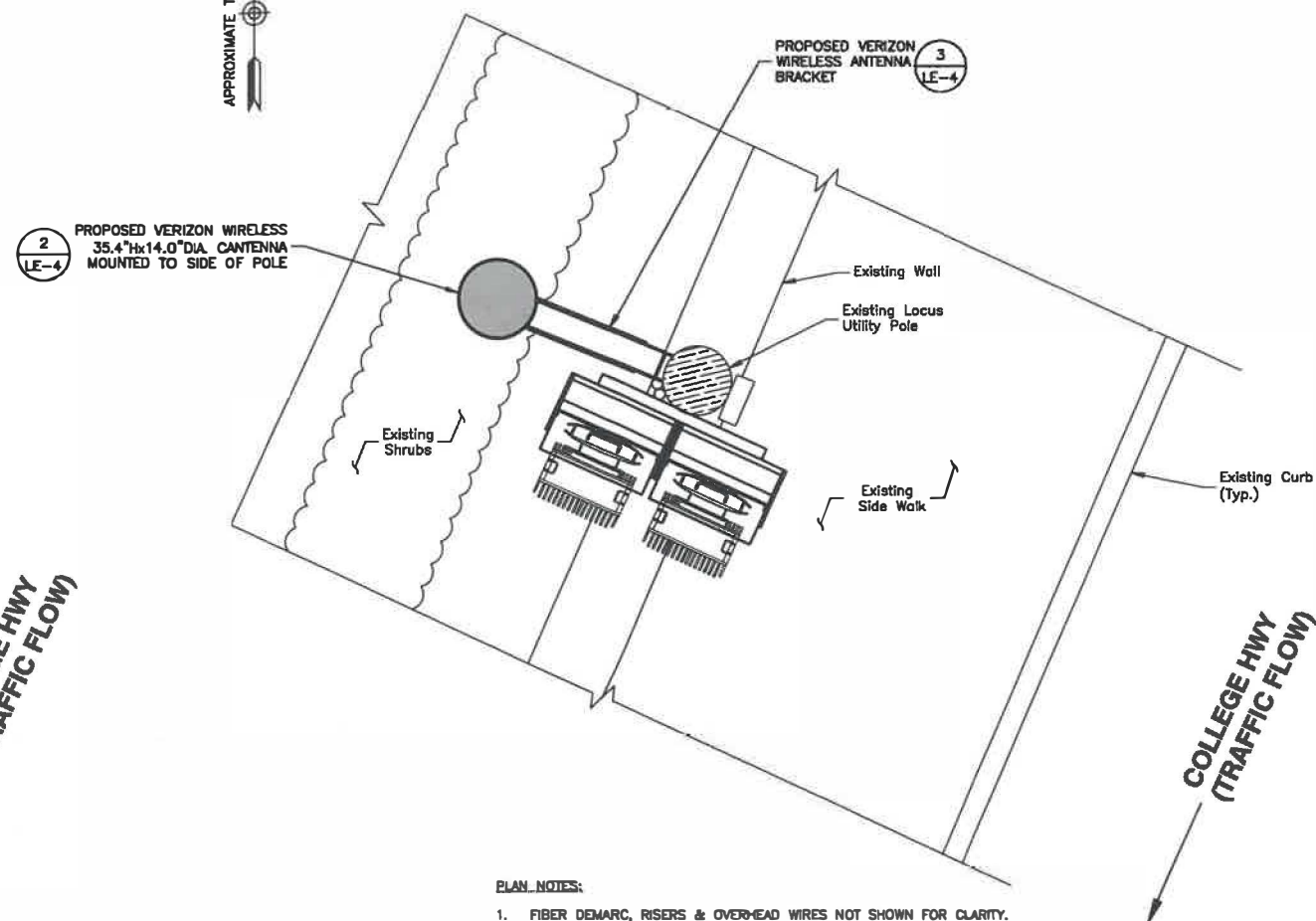
1. FIBER DEMARC, RISERS, DIPLEXER & OVERHEAD WIRES NOT SHOWN FOR CLARITY.

CONCEPTUAL EQUIPMENT PLAN

SCALE: 3/8"=1' FOR 11"x17"
3/4"=1' FOR 22"x34"



1



PLAN NOTES:

1. FIBER DEMARC, RISERS & OVERHEAD WIRES NOT SHOWN FOR CLARITY.
2. SEE LATEST RFDS PROVIDED BY VERIZON WIRELESS FOR PROPOSED AZIMUTHS.

CONCEPTUAL ANTENNA PLAN

SCALE: 3/8"=1' FOR 11"x17"
3/4"=1' FOR 22"x34"



2

GENERAL NOTES:

1. NORTH ARROW SHOWN AS APPROXIMATE.
2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
3. THIS DOCUMENT IS FOR LEASING PURPOSES ONLY. NOT FOR CONSTRUCTION.
4. POWER & FIBER TO COME FROM OVERHEAD WIRES. SERVICE SOURCES TO BE DETERMINED.
5. ALL EQUIPMENT TO BE INSTALLED PER LOCAL UTILITY PROVIDER REQUIREMENTS & VERIZON WIRELESS SPECIFICATIONS.
6. A.G.L.= ABOVE GROUND LEVEL
C.L.= CENTER LINE
7. CONTACT DIG SAFE (888-344-7233) FOR VERIFICATION OF UNDERGROUND UTILITIES PRIOR TO EQUIPMENT INSTALLATION.
8. OVERHEAD WIRES TO BE INSTALLED/RELOCATED BY UTILITY COMPANY PER UTILITY PROVIDER REQUIREMENTS.
9. ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. VERIFY FINAL MOUNT BRACKET SPECIFICATION WITH VERIZON WIRELESS CM.



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

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A	05/16/22	FOR COMMENT



Dewberry Engineers Inc.
89 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.665.3400
FAX: 617.665.3310

DRAWN BY: JIM

REVIEWED BY: OAS

CHECKED BY: AJB

PROJECT NUMBER: 50121487

JOB NUMBER: 50150895

POLE ID:

VZ164

COORDINATES:

N 42.060404°
W 72.766391°

APPROXIMATE ADDRESS:

567 COLLEGE HWY
SOUTHWICK, MA 01077

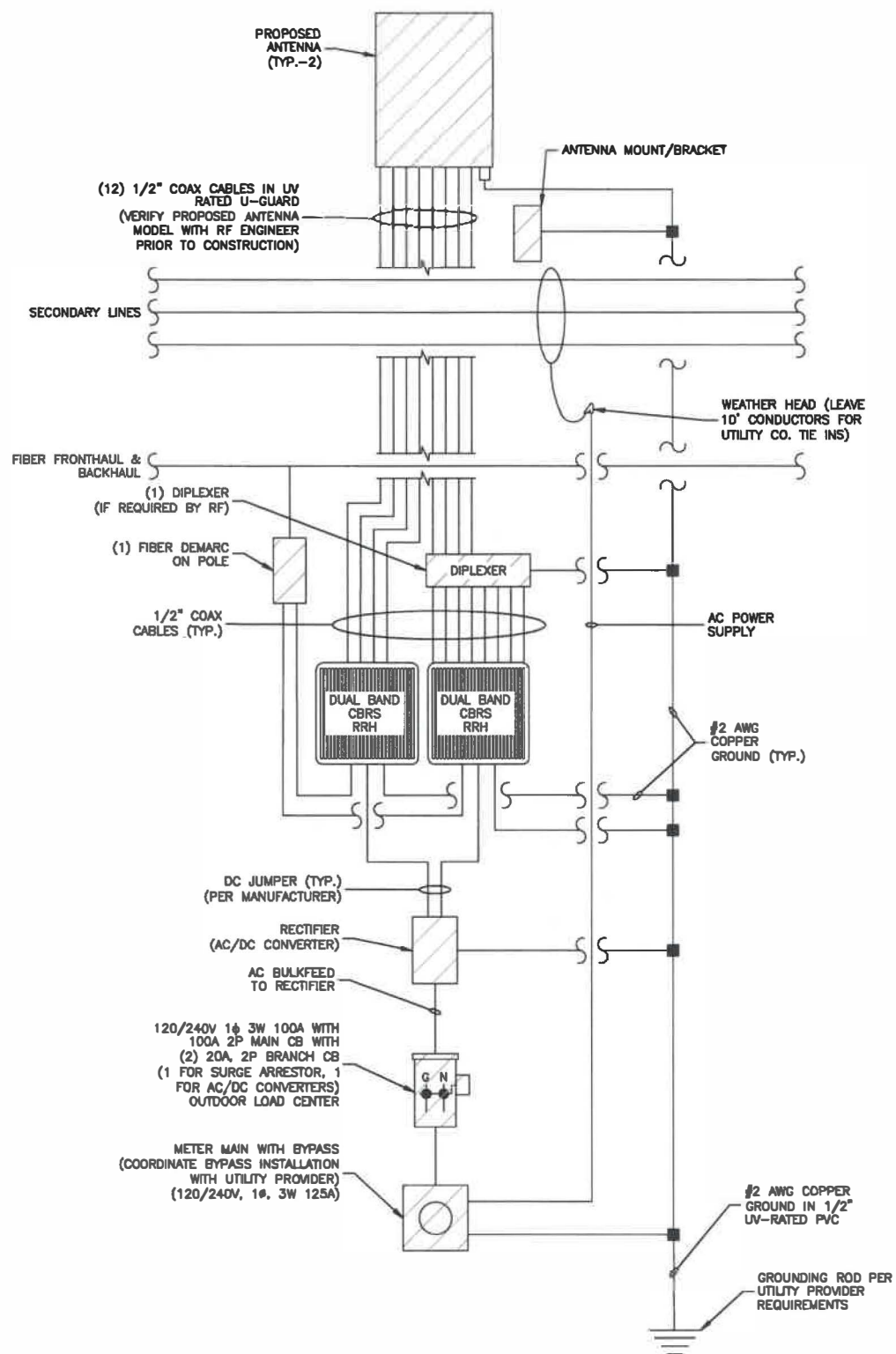
SHEET TITLE

CONCEPTUAL EQUIPMENT
& ANTENNA PLANS

SHEET NUMBER

LE-3

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)

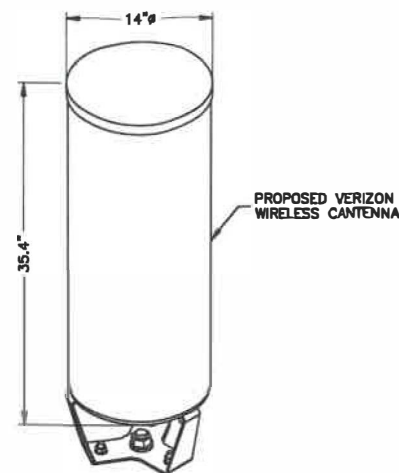


NOTES:

1. FINAL ELECTRICAL AND FIBER SOURCE PENDING FINAL DESIGN & UTILITY APPROVAL.
2. VERIZON WIRELESS TO FIELD TEST AND TIE INTO EXISTING GROUNDING SYSTEM. IF GROUNDING SYSTEM DOES NOT MEET VERIZON WIRELESS STANDARDS OR IS NOT FOUND, VERIZON WIRELESS TO NOTIFY POLE OWNER & INSTALL GROUNDING SYSTEM PER UTILITY PROVIDER & VERIZON WIRELESS REQUIREMENTS AND SPECIFICATIONS.
3. VERIFY FINAL ANTENNA DESIGN WITH RF ENGINEER.
4. CONTACT DIG SAFE (888-344-7233) FOR VERIFICATION OF UNDERGROUND UTILITIES PRIOR TO EQUIPMENT INSTALLATION.

WIRING DIAGRAM
SCALE: N.T.S.

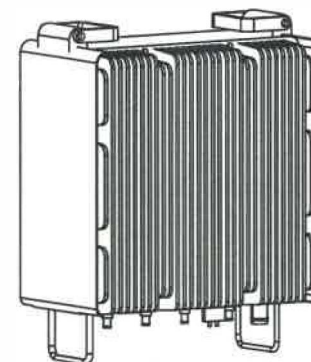
1



ANTENNA SPECIFICATIONS	
DIMENSIONS:	35.4"±H x 14"±
WEIGHT:	38.6± LBS.

CANTENNA DETAIL
SCALE: N.T.S.

2



DIMENSIONS:	15.0"±H x 15.9"±W x 10.0"±D
WEIGHT:	97.5± LBS
QUANTITY:	1 TOTAL



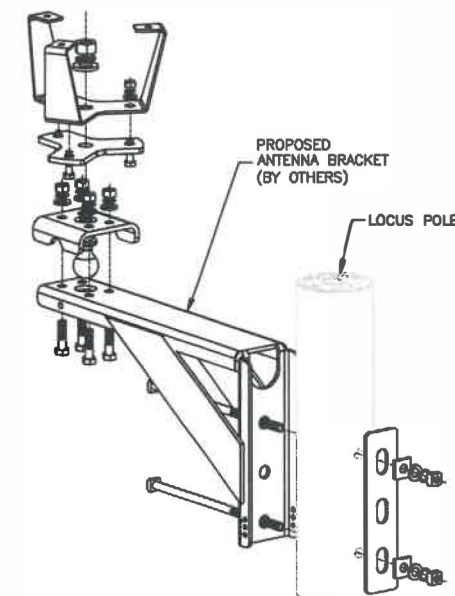
DIMENSIONS:	13.9"±H x 9.8"±W x 4.8"±D
WEIGHT:	21.4± LBS
QUANTITY:	1 TOTAL

NOTE:

1. CONTRACTOR TO VERIFY WITH CONSTRUCTION MANAGER FOR FINAL MANUFACTURER SPECIFICATIONS PRIOR TO CONSTRUCTION.

RRH DETAILS
SCALE: N.T.S.

4



NOTES:

1. INSTALL ANTENNA USING RECOMMENDED HARDWARE IN ACCORDANCE WITH MANUFACTURER GUIDELINES & SPECIFICATIONS.
2. VERIFY FINAL MOUNTING BRACKET SPECIFICATIONS WITH VERIZON WIRELESS CM PRIOR TO CONSTRUCTION.

MOUNTING BRACKET DETAIL
SCALE: N.T.S.

3



DIPLEXER SPECIFICATION	
DIMENSIONS:	4.8"±H x 7.9"±W x 3.3"±D
WEIGHT:	7.6± LBS.

DIPLEXER DETAIL
SCALE: N.T.S.

5

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(NOT FOR CONSTRUCTION)



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

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A	05/16/22	FOR COMMENT



Dewberry Engineers Inc.
89 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.665.3400
FAX: 617.665.3310

DRAWN BY:	JIM
REVIEWED BY:	OAS
CHECKED BY:	AJB
PROJECT NUMBER:	50121487
JOB NUMBER:	50150895
POLE ID:	

VZ164

COORDINATES:

N 42.060404°
W 72.766391°

APPROXIMATE ADDRESS:

567 COLLEGE HWY
SOUTHWICK, MA 01077

SHEET TITLE

CANTENNA & RRH
EQUIPMENT DETAILS

SHEET NUMBER

LE-4

ORDER FOR GRANT OF LOCATION

UNDER MGL c. 166, §§ 22 and 25A

By the Select Board of the Town of Southwick, Massachusetts

Notice having been given and public hearing held, as provided by law,

IT IS HEREBY ORDERED:

That Cellco Partnership d/b/a Verizon Wireless ("Verizon") be and is hereby granted a location for and permission to install and maintain telecommunications wires and wireless attachments and appurtenances, including fiber optic cable, remote nodes and pole-top antenna, to be attached to existing Eversource / Verizon utility pole #164 located in the Public Right of Way within the Town of Southwick, as substantially shown on the plans filed with said Petition for SOUTHWICK_SC2_MA.

The foregoing permission is subject to the following conditions:

See Plans filed with this order.

There may be attached to said pole:

- Antenna;
- Remote Radio Head(s);
- Mounting Brackets;
- Overhead Wires;
- Conduit;
- Cable;
- Diplexer;
- Meter;
- Converter;
- Disconnect; and
- Each sustaining and protecting fixtures as it may find necessary.

I hereby certify that the foregoing was adopted at a meeting of the Select Board of the Town of Southwick, Massachusetts, held on the _____ day of _____, 2022.

Clerk of Select Board

We hereby certify that on _____, 2022, at _____ o'clock __ M., at Southwick, Massachusetts, a public hearing was held on the petition of Cellco Partnership d/b/a Verizon Wireless for permission to install a small cell wireless antenna, and the necessary sustaining and protecting fixtures on utility pole #164 described in the order herewith recorded, and that we mailed written notice of the time and place of said hearing to each of the owners of real estate (as determined by the last preceding assessment for taxation) along the way or parts of ways upon which said Company is permitted to install a small cell wireless antenna, and the necessary sustaining and protecting fixtures on utility pole #164 under said order and that thereupon said order was duly adopted.

Select Board of the Town of Southwick,
Massachusetts:

CERTIFICATE

I hereby certify that the foregoing is a true copy of a location order, and certificate of hearing with notice adopted by the Select Board of the Town of Southwick, Massachusetts, on the ____ day of _____, 2022 and recorded with the records of location orders of said Town, Book _____, Page _____. This certified copy is made under the provisions of Chapter 166 of the General Laws and any additions thereto or amendments thereof.

Attest:

Town Clerk

Appendix IV Form 1

Wireless Pole Attachment Application

Licensee Name	<u>Verizon Wireless</u>	Application Number	<u>SOUTHWICK MA SC2 - 470023</u>				
Street Address	<u>49 Brattle St</u>	City	<u>Arlington</u>	State	<u>MA</u>	Zip Code	<u>02474</u>
Submittal Date	<u>8/17/2022</u>						

In accordance with the terms and conditions of the Pole Attachment Agreement, application is hereby made for License to make
1 attachment located in the municipality of Southwick.

Licensee Employee	<u>Corey Vaccaro</u>
Signature	<u>Corey Vaccaro</u>
Telephone Number	<u>781 - 227 - 1314</u>
E-Mail	<u>cvaccaro@structureconsulting.net</u>

Instructions:

1. Each application submitted by Licensee must be numbered sequentially in the order in which Licensee requests the applications be processed.
2. Provide a separate application for each pole
3. Include a sketch of the proposed installation.
4. The Licensee shall submit an electronic copy of this application to WMECO.

*****This area for licensor use only, do not write below this line*****

Pole Attachment License Application Number SOUTHWICK MA SC2 - 470023 is hereby granted to make the attachments described above located in the municipality of Southwick. The specific pole information including your height of attachment can be found on Form 3.

Licensed Joint Poles	<u>1</u>	Licensor Employee	<u>Richard A Comeau 8/17/2022</u>
Licensed Full Electric Poles	<u></u>	Signature	<u>Richard A Comeau 8/17/2022</u>
Excluded Poles	<u></u>	Telephone Number	<u>781-441-8162</u>
		E-Mail	<u>richard.comeau@eversource.com</u>

In accordance with Article 3.3.1 of the Pole Attachment Agreement, a Pre-construction survey charge estimate of \$500.00 is to be submitted with each pole attachment application.

In accordance with Article 3.3.2 of the Pole Attachment Agreement, the Pre-Construction Survey charge will be the actual cost incurred by Licensor to complete the Pre-construction survey. The Licensee will be credited for any amount paid in excess of the Licensor's Pre-construction Survey estimate, or shall be billed for any amount in addition to Licensor's Pre-construction survey estimate, as compared to the actual costs as finally computed.

The required Pre-construction survey covering application number SOUTHWICK MA SC2 - 470023 is authorized. Enclosed is payment of the Pre-construction survey estimate in the amount of

\$500.00.

Licensee: Verizon Wireless

Name: Corey Vaccaro

Signature: Corey Vaccaro

Date: 8/17/2022

Instructions:

- 1 Licensee fills out columns C, D and E
- 2 Licenser fills out columns F through K and header
- 3 If no tag on pole enter "NT", do not leave blank
- 4 Any additional info, cross street, coordinates, etc.
List starting on column K continuing to the right as needed

Appendix IV Form 3

FIELD SURVEY / MAKE READY WORK FORM

DATE OF SURVEY:			SURVEYORS:		JOB NUMBERS			
TOWN	Southwick		EVERSOURCE		STORMS#			
LICENSEE NAME	Verizon Wireless		VERIZON		WON#			
APPLICATION#	SOUTHWICK MA SC2 - 470023		LICENSEE		VERIZON#			
STREET NAME	POLE#		OWNERSHIP	MAKE READY	INSTALLATION APPROVED	WORK NEEDED	COMMENTS	Latitude
	TEL	ELEC						
567 College Hwy	VZ164	NT						

November 18, 2022

Select Board
Town of Southwick
454 College Highway
Southwick, MA 01077

Re: Petition of Cellco Partnership d/b/a Verizon Wireless ("Verizon") for
Pole Attachment of Small Cell Communications Equipment:
SOUTHWICK_SC2_MA, 567 College Highway, Pole # 164

Dear Honorable Members of the Select Board:

Enclosed please find a Petition to the Honorable Southwick Select Board for permission to attach, maintain and operate small cell communications equipment on a utility pole located in the public right-of-way (the "Petition"). The proposed small cell equipment installation included with this petition is to be located on utility pole #164 in the ROW near the property with an address 567 College Highway.

Verizon's radio frequency engineers targeted the proposed location due to the high traffic and data demands on Verizon's network in the area. Verizon's existing macro and small cell sites are not providing adequate data capacity in this location due to population, vehicular and foot traffic, multiple wireless devices being used simultaneously and other contributing factors. This small cell site will work to offload the demand of the macro sites and will allow for increased data capacity and speed within the vicinity of the proposed small cell location.

The small cell equipment will be installed using standard commercially acceptable methods in accordance with all applicable federal, state and local laws and regulations. The proposed attachment is to a utility pole owned by Eversource. Verizon has entered into a pole attachment agreement with Eversource and is licensed to attach its wireless facilities to the pole.

As shown on the attached detailed plans, the small cell installation on the utility pole will include fiber optic cables, an unobtrusive side-mounted antenna measuring 35.4" in height and 14" in diameter; remote radio head units, conduits and cable protectors, and an electric meter with a shut-off switch. The attached plans show the proposed location, pole height, mounting height, equipment specifications and utility plan.

Without this installation, Verizon would be unable to provide specifically established coverage and capacity objectives. The utility pole is located within the limited geographic area where Verizon's radio frequency engineers determined that a wireless facility is required.

verizon✓

The Telecommunications Act of 1996

The Telecommunications Act of 1996 (the "Act") imposes restrictions affecting the standard for granting the requested relief, specifically (1) no laws or actions by any local government or planning or zoning board may prohibit, or have the effect of prohibiting, the placement, construction, or modification of communications towers, antennas or other wireless facilities in any particular geographic area, see 47 USC § 332(c)(7)(B)(i); (2) local government or planning or zoning boards may not unreasonably discriminate among providers of functionally equivalent service, see 47 USC § 332(c)(7)(B)(i); (3) health concerns may not be considered so long as emissions comply with the applicable standards of the FCC, see 47 USC § 332(c)(7)(B)(iv); and (4) decisions must be rendered within a reasonable period of time, see 47 USC § 332(c)(7)(B)(ii). The presumptively reasonable period of time established by the FCC in this instance is 60 days from the submission of a complete Petition, see 47 CFR § 1.6003(c)(1)(i).

Accordingly, under Massachusetts General Laws Chapter 166, Sections 21, 22, 25A, and the above-mentioned federal provisions, Verizon respectfully requests that the Southwick Select Board issue a Grant of Location Order to install and operate fixtures as specified herein.

Verizon respectfully requests that the Petition be added to the Select Board agenda. In accordance with the filing requirements, please find the following:

1. Petition for Pole Attachment;
2. Site Drawing;
3. Proposed Order; and
4. Authorization to attach to the Pole from Eversource.

Verizon looks forward to presenting this Petition to the Southwick Select Board. Should you require any additional information, please don't hesitate to contact me. Thank you very much.

Very truly yours,

Paula Foley

Paula Foley
Network Real Estate / Regulatory Consultant
M: 508.269.0172
Paula.foley@verizonwireless.com

PETITION FOR SMALL CELL POLE ATTACHMENT

To the Select Board of the Town of Southwick, Massachusetts

Cellco Partnership d/b/a Verizon Wireless hereby provides a petition to this Honorable Board for the location of a small cell wireless antenna, and the necessary sustaining and protecting fixtures, on a utility pole in Southwick, Massachusetts, as more particularly shown on the plans included herewith.

Pole Location

Pole Location:	567 College Highway - Utility Pole Number: 164
Proposed Equipment:	Antenna, Remote Radio Heads, AC/DC Converter, associated wires, cables, meter and fiber demark box on a utility pole as shown on the attached Plans titled SOUTHWICK_ SC2_ MA prepared by Dewberry Engineers, Inc. with a date of 5/19/22.
Purpose:	To address network coverage and capacity in the immediate area of the subject pole. Offload wireless traffic from macro sites and designed to increase throughput to customers in proximity to the pole.

Respectfully submitted,

PETITIONER:

Cellco Partnership d/b/a Verizon Wireless

Paula Foley

Paula Foley
Network Real Estate / Regulatory
15 Chestnut Street, 4th Floor
Worcester, MA 01609
M: 508.269.0172
Paula.foley@verizonwireless.com

SITE NAME: SOUTHWICK SC2 MA

UTILITY POLE: VZ164
567 COLLEGE HWY
SOUTHWICK, MA 01077

APPROXIMATE TRUE NORTH



AERIAL MAP
SCALE: N.T.S.

1

- NOTES:
- NORTH ARROW SHOWN AS APPROXIMATE.
 - SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
 - THIS DOCUMENT IS FOR LEASING PURPOSES ONLY. NOT FOR CONSTRUCTION.
 - POWER & FIBER TO BE COME FROM OVERHEAD WIRES. SERVICE SOURCES TO BE DETERMINED.
 - SITE PLAN & ELEVATIONS BASED ON SITE VISIT BY DEWBERRY ENGINEERS INC. ON 05/09/22.
 - AERIAL MAP, COORDINATES & GROUND ELEVATION BASED ON GOOGLE EARTH OBTAINED ON 05/10/22.
 - ALL EQUIPMENT TO BE INSTALLED PER LOCAL UTILITY PROVIDER REQUIREMENTS & VERIZON WIRELESS SPECIFICATIONS.
 - APPROXIMATE ADDRESS HAS BEEN PROVIDED BY VERIZON WIRELESS AND DOES NOT REFLECT THE E911 ADDRESS FOR THIS UTILITY POLE.
 - VERIZON WIRELESS GENERAL CONTRACTOR SHALL ENSURE THAT ALL PROPOSED EQUIPMENT MEETS THE REQUIREMENTS OF THE EXISTING UTILITY COMPANY AND/OR ENTITIES ON UTILITY POLE AND THE NATIONAL ELECTRICAL SAFETY CODE.



VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT

O	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT



Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3910

DRAWN BY:	JIM
REVIEWED BY:	OAS
CHECKED BY:	AJB
PROJECT NUMBER:	50121487
JOB NUMBER:	50150895
POLE ID:	

VZ164

COORDINATES:

N 42.060404°
W 72.766391°

APPROXIMATE ADDRESS:

567 COLLEGE HWY
SOUTHWICK, MA 01077

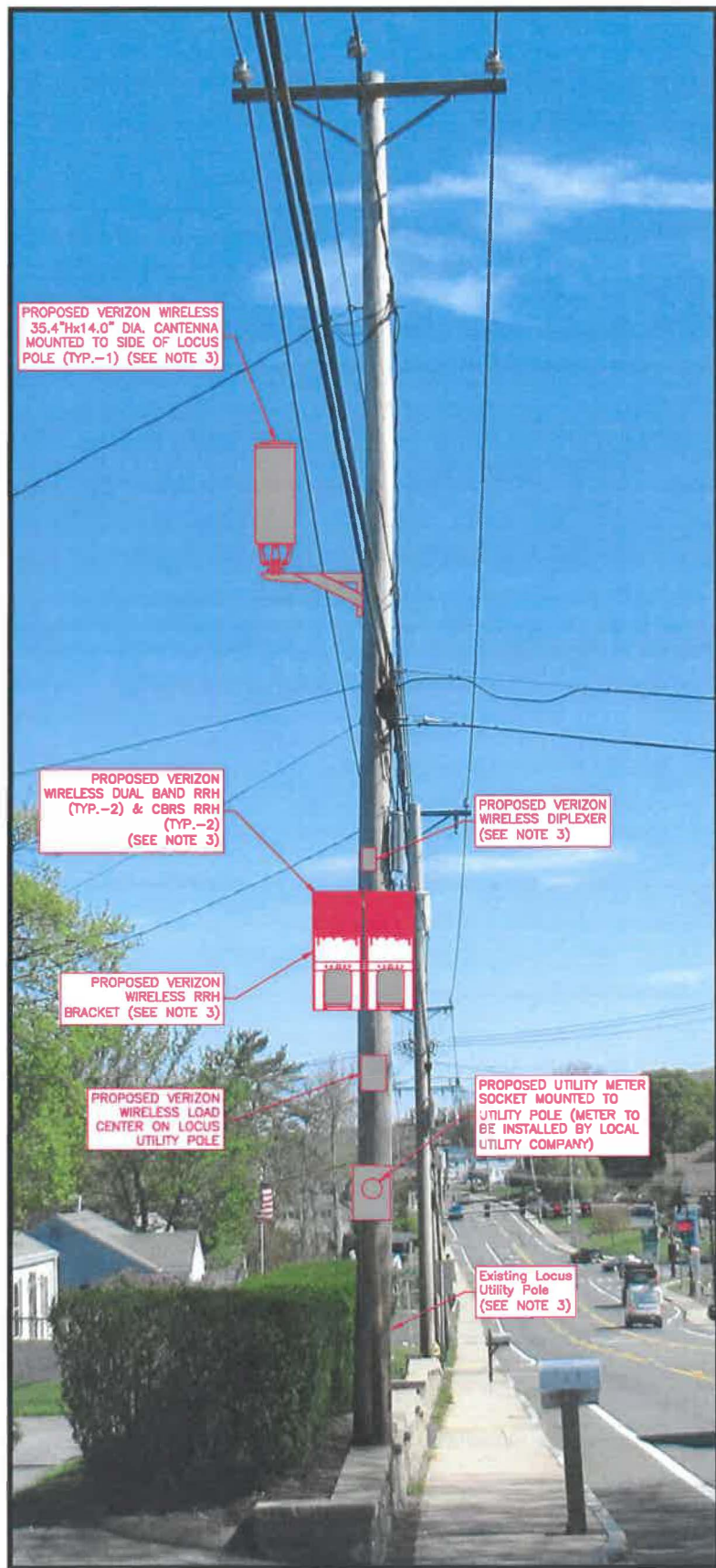
SHEET TITLE

AERIAL MAP

SHEET NUMBER

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)

LE-1

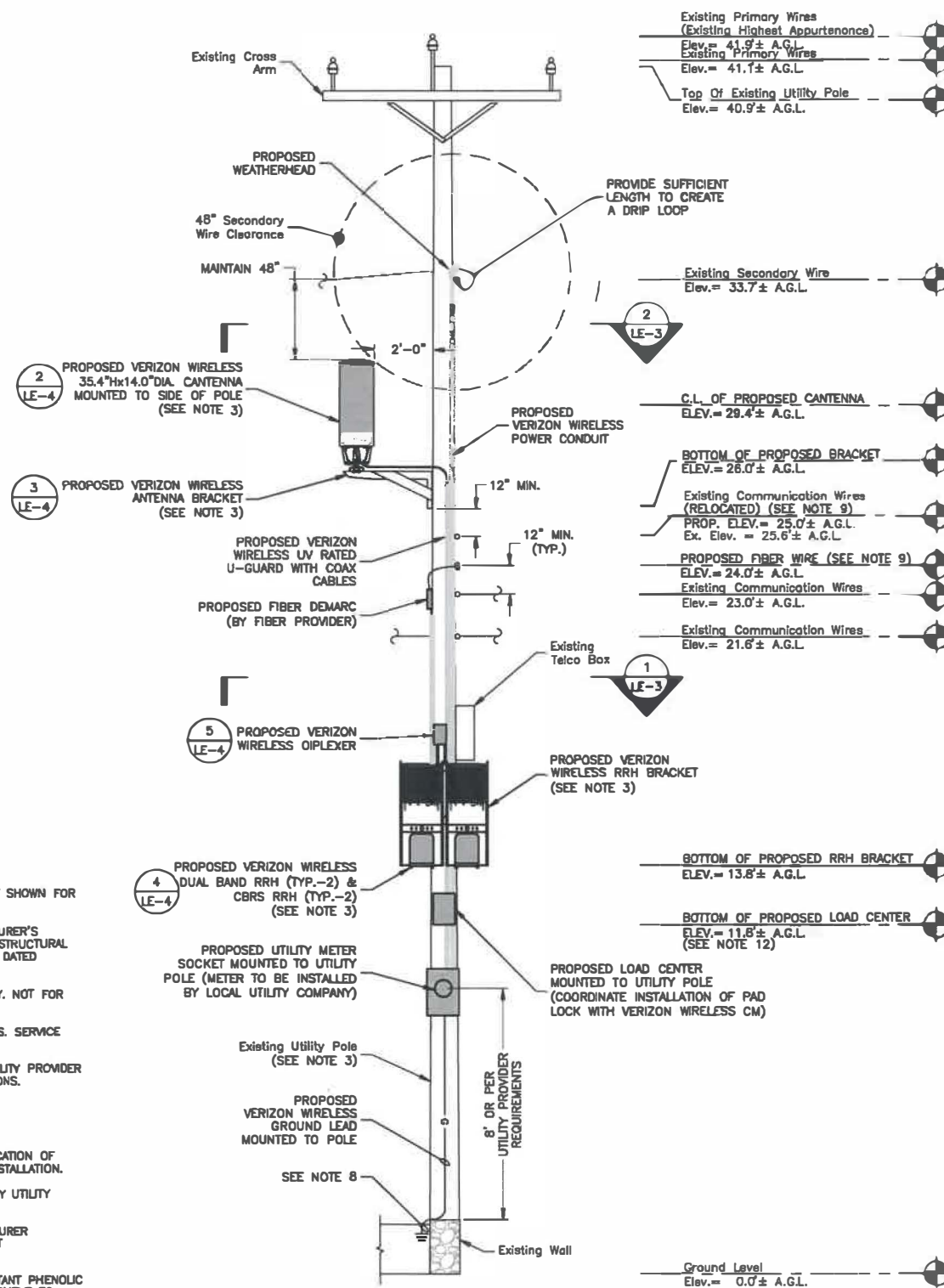


UTILITY POLE PHOTO
SCALE: N.T.S.

1

NOTES

- ELEVATION SHOWN AS APPROXIMATE.
- SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
- ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS & IN ACCORDANCE WITH THE STRUCTURAL ANALYSIS REPORT BY DEWBERRY ENGINEERS INC. DATED 05/18/22.
- THIS DOCUMENT IS FOR LEASING PURPOSES ONLY. NOT FOR CONSTRUCTION.
- POWER & FIBER TO COME FROM OVERHEAD WIRES. SERVICE SOURCES TO BE DETERMINED.
- ALL EQUIPMENT TO BE INSTALLED PER LOCAL UTILITY PROVIDER REQUIREMENTS & VERIZON WIRELESS SPECIFICATIONS.
- A.G.L. = ABOVE GROUND LEVEL
C.L. = CENTER LINE
H.A. = HIGHEST APPURTENANCE
- CONTACT DIG SAFE (888-344-7233) FOR VERIFICATION OF UNDERGROUND UTILITIES PRIOR TO EQUIPMENT INSTALLATION.
- OVERHEAD WIRES TO BE INSTALLED/RELOCATED BY UTILITY COMPANY PER UTILITY PROVIDER REQUIREMENTS.
- ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. VERIFY FINAL MOUNT BRACKET SPECIFICATION WITH VERIZON WIRELESS CM.
- VERIZON WIRELESS SHALL PLACE WEATHER RESISTANT PHENOLIC PLACARDS ON UTILITY POLE AND ANCILLARY EQUIPMENT TO IDENTIFY EQUIPMENT OWNERSHIP & CONTACT INFORMATION TO BE UTILIZED IN CASE OF EMERGENCY.
- FINAL LOCATION OF LOAD CENTER ON THE UTILITY POLE TO BE COORDINATED WITH THE LOCAL INSPECTOR.



CONCEPTUAL POLE ELEVATION

SCALE: 3/16\"/>



2

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VERIZON WIRELESS
900 CHELMSFORD STREET
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PROJECT NUMBER: 50121487

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POLE ID:

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COORDINATES:

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SOUTHWICK, MA 01077

SHEET TITLE

POLE PHOTO &
CONCEPTUAL ELEVATION

SHEET NUMBER

LE-2



VERIZON WIRELESS
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FAX: 617.865.3810



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REVIEWED BY: OAS

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JOB NUMBER: 50150895

POLE ID:

VZ164

COORDINATES:

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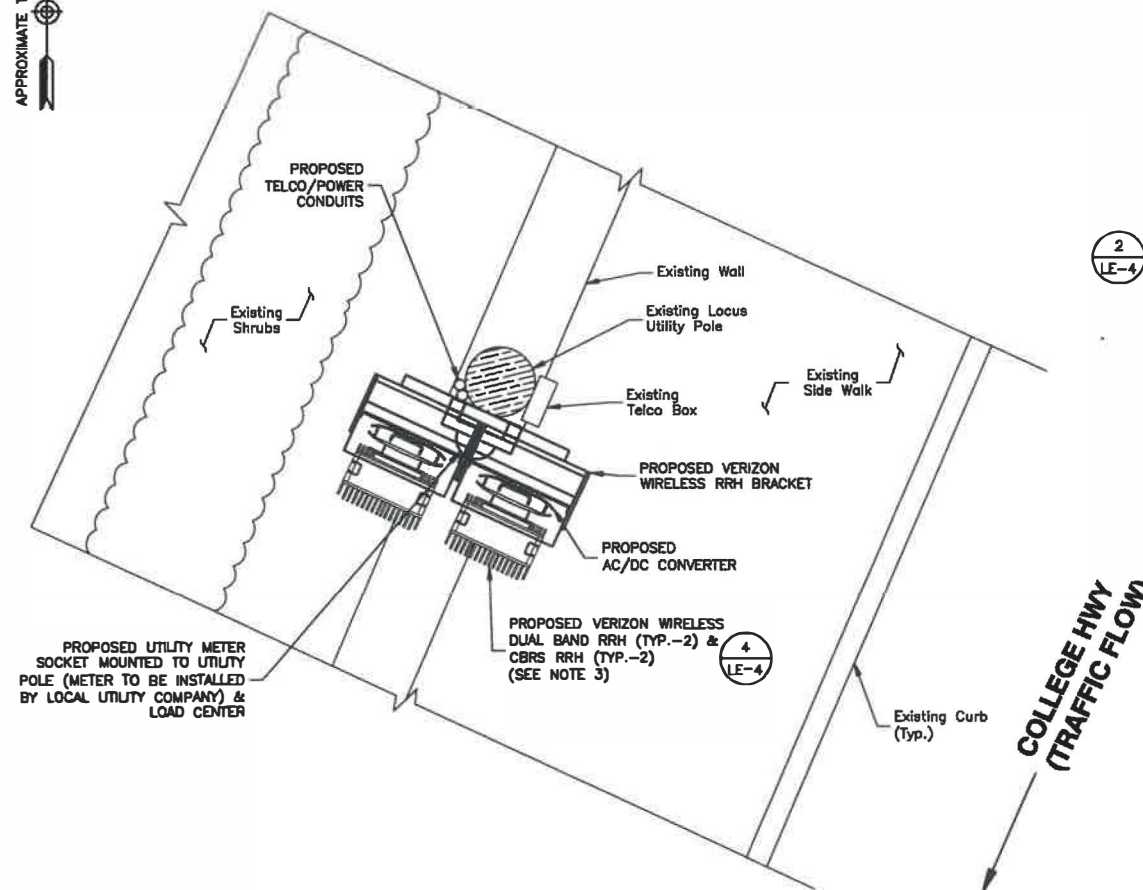
SHEET TITLE

CONCEPTUAL EQUIPMENT
& ANTENNA PLANS

SHEET NUMBER

LE-3

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)

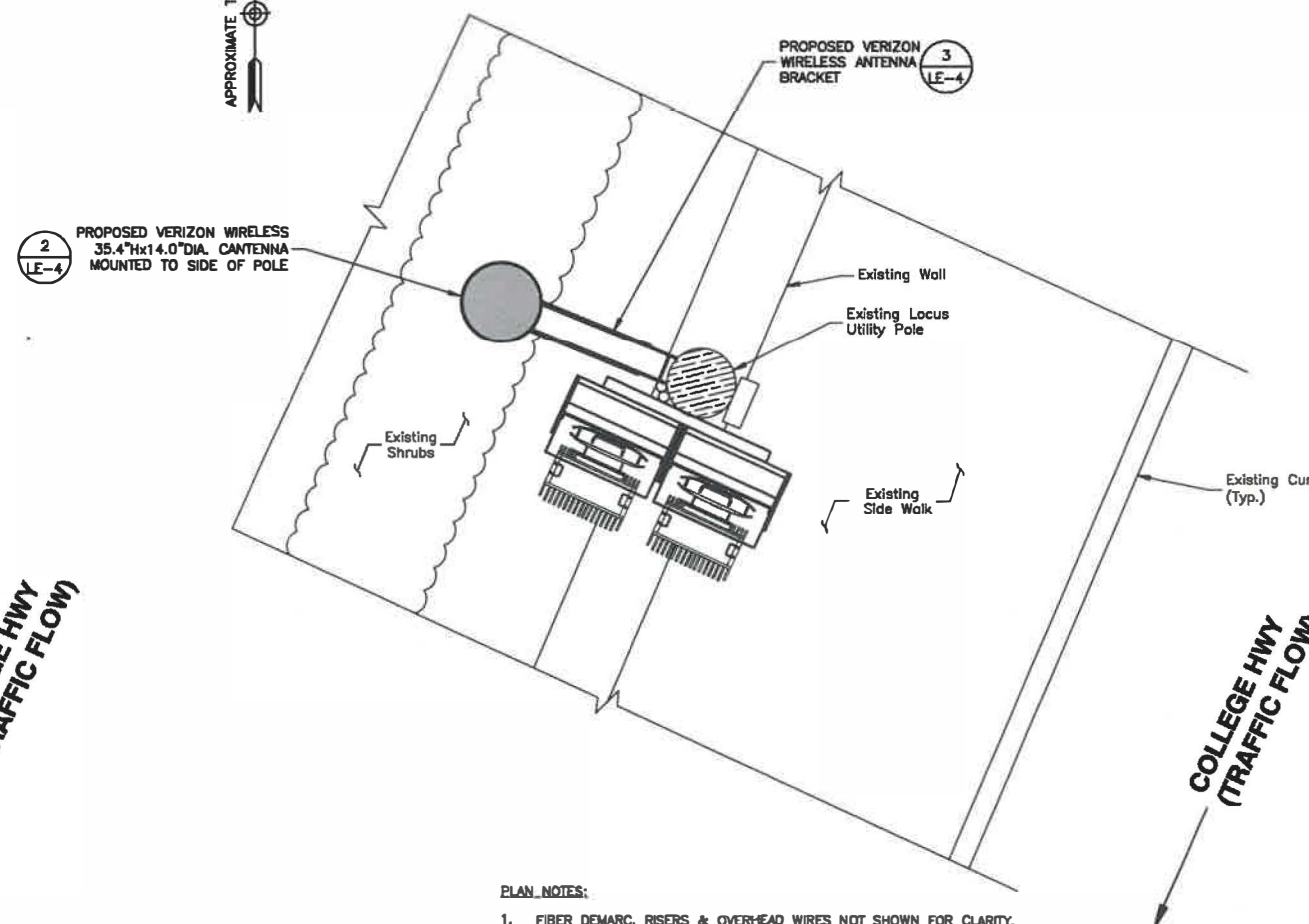


PLAN NOTE:

1. FIBER DEMARC, RISERS, DIPLEXER & OVERHEAD WIRES NOT SHOWN FOR CLARITY.

CONCEPTUAL EQUIPMENT PLAN

SCALE: 3/8"=1' FOR 11"x17"
3/4"=1' FOR 22"x34"



PLAN NOTES:

1. FIBER DEMARC, RISERS & OVERHEAD WIRES NOT SHOWN FOR CLARITY.
2. SEE LATEST RFDS PROVIDED BY VERIZON WIRELESS FOR PROPOSED AZIMUTHS.

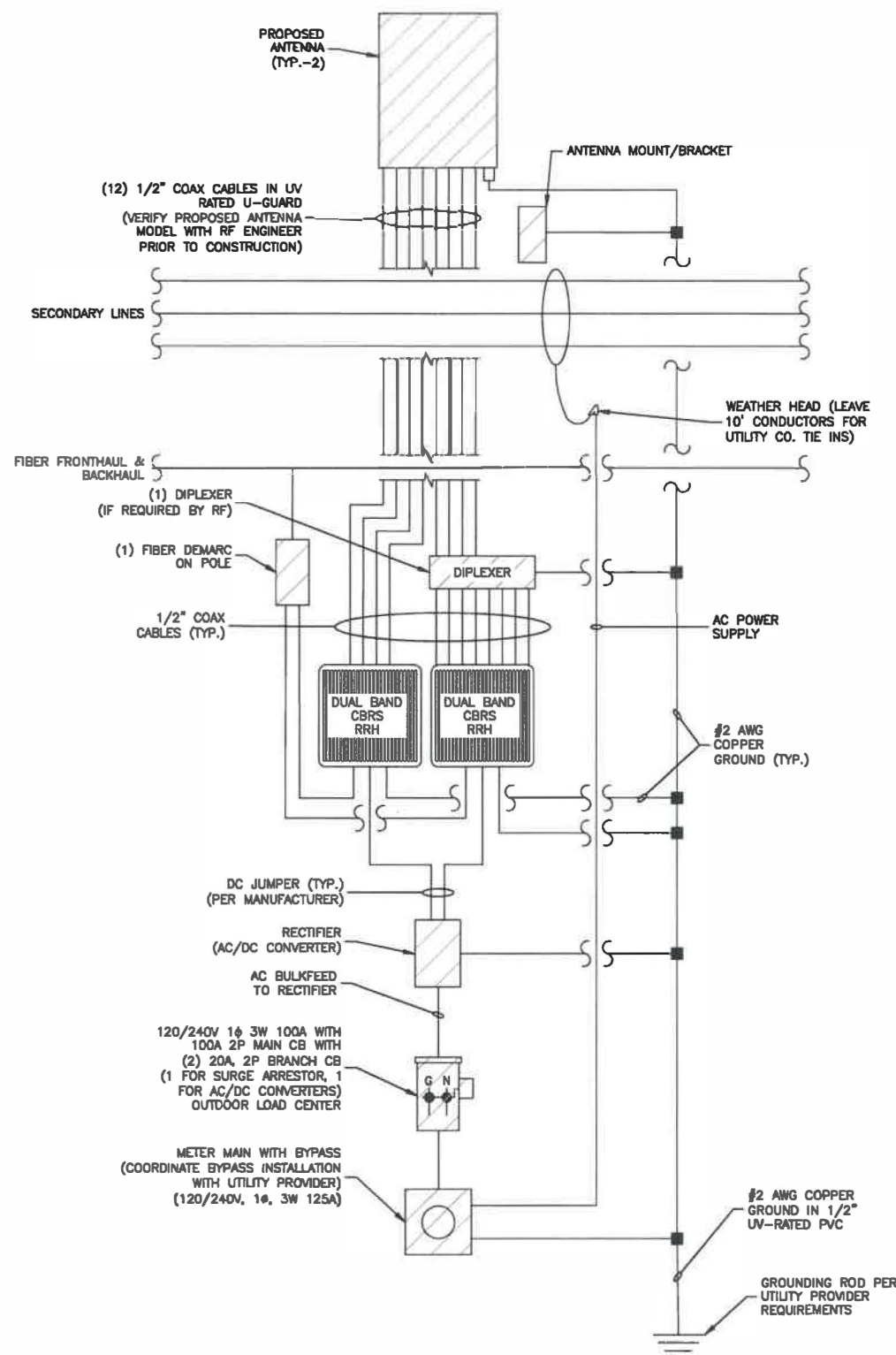
CONCEPTUAL ANTENNA PLAN

SCALE: 3/8"=1' FOR 11"x17"
3/4"=1' FOR 22"x34"



GENERAL NOTES:

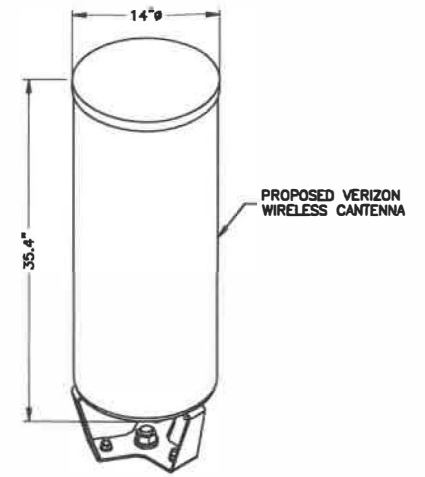
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7. CONTACT DIG SAFE (888-344-7233) FOR VERIFICATION OF UNDERGROUND UTILITIES PRIOR TO EQUIPMENT INSTALLATION.
8. OVERHEAD WIRES TO BE INSTALLED/RELOCATED BY UTILITY COMPANY PER UTILITY PROVIDER REQUIREMENTS.
9. ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. VERIFY FINAL MOUNT BRACKET SPECIFICATION WITH VERIZON WIRELESS CM.



- NOTES:**
1. FINAL ELECTRICAL AND FIBER SOURCE PENDING FINAL DESIGN & UTILITY APPROVAL.
 2. VERIZON WIRELESS TO FIELD TEST AND TIE INTO EXISTING GROUNDING SYSTEM. IF GROUNDING SYSTEM DOES NOT MEET VERIZON WIRELESS STANDARDS OR IS NOT FOUND, VERIZON WIRELESS TO NOTIFY POLE OWNER & INSTALL GROUNDING SYSTEM PER UTILITY PROVIDER & VERIZON WIRELESS REQUIREMENTS AND SPECIFICATIONS.
 3. VERIFY FINAL ANTENNA DESIGN WITH RF ENGINEER.
 4. CONTACT DIG SAFE (888-344-7233) FOR VERIFICATION OF UNDERGROUND UTILITIES PRIOR TO EQUIPMENT INSTALLATION.

WIRING DIAGRAM
SCALE: N.T.S.

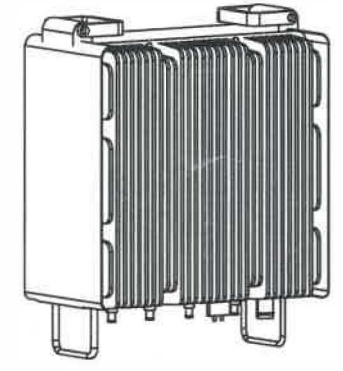
1



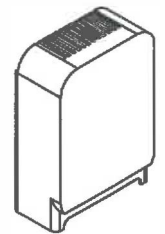
ANTENNA SPECIFICATIONS	
DIMENSIONS:	35.4"±H x 14"±D
WEIGHT:	38.6± LBS.

CANTENNA DETAIL
SCALE: N.T.S.

2



DIMENSIONS:	15.0"±H x 15.9"±W x 10.0"±D
WEIGHT:	97.5± LBS
QUANTITY:	1 TOTAL

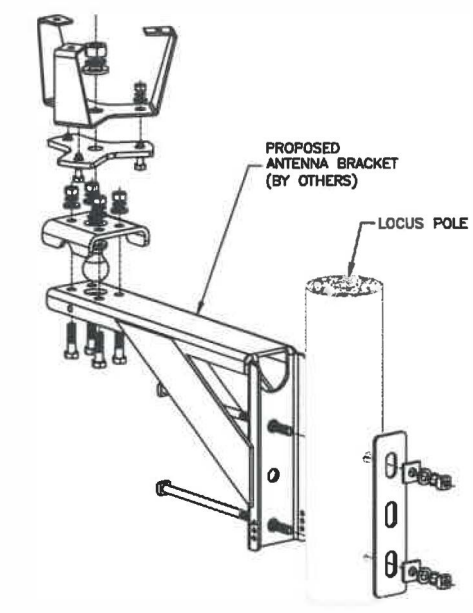


DIMENSIONS:	13.9"±H x 9.8"±W x 4.8"±D
WEIGHT:	21.4± LBS
QUANTITY:	1 TOTAL

- NOTE:**
1. CONTRACTOR TO VERIFY WITH CONSTRUCTION MANAGER FOR FINAL MANUFACTURER SPECIFICATIONS PRIOR TO CONSTRUCTION.

RRH DETAILS
SCALE: N.T.S.

4



- NOTES:**
1. INSTALL ANTENNA USING RECOMMENDED HARDWARE IN ACCORDANCE WITH MANUFACTURER GUIDELINES & SPECIFICATIONS.
 2. VERIFY FINAL MOUNTING BRACKET SPECIFICATIONS WITH VERIZON WIRELESS CM PRIOR TO CONSTRUCTION.

MOUNTING BRACKET DETAIL
SCALE: N.T.S.

3



DIPLEXER SPECIFICATION	
DIMENSIONS:	4.8"±H x 7.9"±W x 3.3"±D
WEIGHT:	7.6± LBS.

DIPLEXER DETAIL
SCALE: N.T.S.

5

LEASE EXHIBIT
(NOT FOR CONSTRUCTION)

verizon
WIRELESS

VERIZON WIRELESS
900 CHELMSFORD STREET
TOWER 2 FLOOR 5
LOWELL, MA 01581

SOUTHWICK SC2 MA

FUZE ID:
2005438

LOCATION CODE:
470023

LEASE EXHIBIT		
0	05/19/22	FOR SUBMITTAL
A	05/16/22	FOR COMMENT

Dewberry

Dewberry Engineers Inc.
89 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.665.3400
FAX: 617.665.3310

DRAWN BY:	JIM
REVIEWED BY:	OAS
CHECKED BY:	AJB
PROJECT NUMBER:	50121487
JOB NUMBER:	50150895
POLE ID:	

VZ164

COORDINATES:

N 42.060404°
W 72.766391°

APPROXIMATE ADDRESS:

567 COLLEGE HWY
SOUTHWICK, MA 01077

SHEET TITLE
CANTENNA & RRH EQUIPMENT DETAILS
SHEET NUMBER

LE-4

ORDER FOR GRANT OF LOCATION

UNDER MGL c. 166, §§ 22 and 25A

By the Select Board of the Town of Southwick, Massachusetts

Notice having been given and public hearing held, as provided by law,

IT IS HEREBY ORDERED:

That Cellco Partnership d/b/a Verizon Wireless ("Verizon") be and is hereby granted a location for and permission to install and maintain telecommunications wires and wireless attachments and appurtenances, including fiber optic cable, remote nodes and pole-top antenna, to be attached to existing Eversource / Verizon utility pole #164 located in the Public Right of Way within the Town of Southwick, as substantially shown on the plans filed with said Petition for SOUTHWICK_SC2_MA.

The foregoing permission is subject to the following conditions:

See Plans filed with this order.

There may be attached to said pole:

- Antenna;
- Remote Radio Head(s);
- Mounting Brackets;
- Overhead Wires;
- Conduit;
- Cable;
- Diplexer;
- Meter;
- Converter;
- Disconnect; and
- Each sustaining and protecting fixtures as it may find necessary.

I hereby certify that the foregoing was adopted at a meeting of the Select Board of the Town of Southwick, Massachusetts, held on the _____ day of _____, 2022.

Clerk of Select Board

We hereby certify that on _____, 2022, at _____ o'clock __M., at Southwick, Massachusetts, a public hearing was held on the petition of Cellco Partnership d/b/a Verizon Wireless for permission to install a small cell wireless antenna, and the necessary sustaining and protecting fixtures on utility pole #164 described in the order herewith recorded, and that we mailed written notice of the time and place of said hearing to each of the owners of real estate (as determined by the last preceding assessment for taxation) along the way or parts of ways upon which said Company is permitted to install a small cell wireless antenna, and the necessary sustaining and protecting fixtures on utility pole #164 under said order and that thereupon said order was duly adopted.

Select Board of the Town of Southwick,
Massachusetts:

CERTIFICATE

I hereby certify that the foregoing is a true copy of a location order, and certificate of hearing with notice adopted by the Select Board of the Town of Southwick, Massachusetts, on the ____ day of _____, 2022 and recorded with the records of location orders of said Town, Book _____, Page _____. This certified copy is made under the provisions of Chapter 166 of the General Laws and any additions thereto or amendments thereof.

Attest:

Town Clerk

Appendix IV Form 1

Wireless Pole Attachment Application

Licensee Name	<u>Verizon Wireless</u>	Application Number	<u>SOUTHWICK MA SC2 - 470023</u>				
Street Address	<u>49 Brattle St</u>	City	<u>Arlington</u>	State	<u>MA</u>	Zip Code	<u>02474</u>
Submittal Date	<u>8/17/2022</u>						

In accordance with the terms and conditions of the Pole Attachment Agreement, application is hereby made for License to make
1 attachment located in the municipality of Southwick

Licensee Employee	<u>Corey Vaccaro</u>
Signature	<u>Corey Vaccaro</u>
Telephone Number	<u>781 - 227 - 1314</u>
E-Mail	<u>cvaccaro@structureconsulting.net</u>

Instructions:

1. Each application submitted by Licensee must be numbered sequentially in the order in which Licensee requests the applications be processed.
2. Provide a separate application for each pole
3. Include a sketch of the proposed installation.
4. The Licensee shall submit an electronic copy of this application to WMECO.

*******This area for licensor use only, do not write below this line*******

Pole Attachment License Application Number SOUTHWICK MA SC2 - 470023 is hereby granted to make the attachments described above located in the municipality of Southwick. The specific pole information including your height of attachment can be found on Form 3.

Licensed Joint Poles	<u>1</u>	Licensor Employee	<u>Richard A Comeau 8/17/2022</u>
Licensed Full Electric Poles	<u></u>	Signature	<u>Richard A Comeau 8/17/2022</u>
Excluded Poles	<u></u>	Telephone Number	<u>781-441-8162</u>
		E-Mail	<u>richard.comeau@eversource.com</u>

In accordance with Article 3.3.1 of the Pole Attachment Agreement, a Pre-construction survey charge estimate of \$500.00 is to be submitted with each pole attachment application.

In accordance with Article 3.3.2 of the Pole Attachment Agreement, the Pre-Construction Survey charge will be the actual cost incurred by Licensor to complete the Pre-construction survey. The Licensee will be credited for any amount paid in excess of the Licensor's Pre-construction Survey estimate, or shall be billed for any amount in addition to Licensor's Pre-construction survey estimate, as compared to the actual costs as finally computed.

The required Pre-construction survey covering application number SOUTHWICK MA SC2 - 470023 is authorized. Enclosed is payment of the Pre-construction survey estimate in the amount of

\$500.00.

Licensee: Verizon Wireless

Name: Corey Vaccaro

Signature: Corey Vaccaro

Date: 8/17/2022

- 1 Licensee fills out columns C, D and E
- 2 Licensor fills out columns F through K and header
- 3 If no tag on pole enter "NT", do not leave blank
- 4 Any additional info, cross street, coordinates, etc.
List starting on column K continuing to the right as needed

FIELD SURVEY / MAKE READY WORK FORM

DATE OF SURVEY:		SURVEYORS:		JOB NUMBERS			
TOWN	Southwick	EVERSOURCE		STORMS#			
LICENSEE NAME	Verizon Wireless	VERIZON		WO#			
APPLICATION#	SOUTHWICK MA SC2 - 470023	LICENSEE		VERIZON#			
POLE#							
STREET NAME		OWNERSHIP		INSTALLATION			
TEL	ELEC	MAKE READY	APPROVED	WORK NEEDED	COMMENTS	Latitude	Longitude
567 College Hwy	VZ164	NT					