



JOHN F. WEAVER  
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April 21, 2021

VIA EMAIL (ALINEHAN@CITYOFMALDEN.ORG;  
CSPADAFORA@CITYOFMALDEN.ORG; SWINSLOW@CITYOFMALDEN.ORG;  
LCAGNO@CITYOFMALDEN.ORG; GLUCEY@CITYOFMALDEN.ORG)

Public Properties Committee  
Malden City Hall  
215 Pleasant Street  
4<sup>th</sup> Floor – Room 430  
Malden, MA 02148

**Re: Supplemental Materials to Small Cell Applications**

Dear Members of the Public Properties Committee:

The purpose of this letter is to deliver supplemental materials and information to support the application of my client, Celco Partnership d/b/a Verizon Wireless (“Verizon Wireless”), to install and operate small cell antenna installations at the following utility poles:

- Utility Pole #5103, Adjacent to 7 Broadway Street (the “Broadway Street Pole”);
- Utility Pole #4740, Adjacent to 133 Cross Street (the “Cross Street Pole”);
- Utility Pole #1869, Adjacent to 11 Phillips Street (the “Phillips Street Pole”);
- Utility Pole #2452, Adjacent to 37-39 Willard Street (the “Willard Street Pole”); and
- Utility Pole #1355, Adjacent to 52 High Street (the “High Street Pole”)

(collectively, the “Pending Applications”). The Public Properties Committee (the “Committee”) conducted a public hearing on March 23, 2021 to consider 20 applications submitted by Verizon Wireless. Although the Committee recommended that the City Council approve 15 applications, Committee members requested the following information regarding the Pending Applications, which is restated in this letter with Verizon Wireless’s response:

- 1. Information regarding the Broadway Street Pole, as the pole’s tilt in the plans for that small cell facility worried Committee members.*

Verizon Wireless has confirmed that the make-ready work for this installation (*i.e.*, the work required by the owner of the pole before the small cell facility may be installed) includes a replacement pole that should have been reflected in the plans. Enclosed with this letter as

**Exhibit A** are revised plans showing that a new pole will be installed to replace the leaning pole depicted in the plans originally submitted.

2. *Information confirming that the distance from the small cell facility proposed on the Cross Street Pole to the nearby residence is consistent with previously approved small cells.*

Enclosed with this letter as **Exhibit B** are plans showing that the distance from the small cell proposed on the Cross Street Pole to the nearest residence is 23', well beyond the minimum distance the Committee has found acceptable in previous applications and the setback in the pending amendment to the small cell ordinance.

3. *Information regarding the wires installed on the Phillips Street Pole.*

Committee members noted that the Phillips Street Pole supported an usually large number of wires and asked Verizon Wireless to provide more information about those installations. Upon further review, it appears that the Phillips Street Pole supports 21 wires servicing 5 properties as follows:

- a. 7 lines to 3 residential units at 11 Phillips Street;
- b. 3 lines to the residence at 12 Phillips Street;
- c. 3 lines to the residence at 14 Phillips Street;
- d. 3 lines to the 2 residential units at 15 Phillips Street; and
- e. 5 lines to the commercial property located at 135 Eastern Avenue.

The lines appear to be a combination of electricity, landline telephone, and cable television, although we were unable to confirm the exact use of each wire. Verizon Wireless is not in a position to either confirm whether those services are needed at the properties serviced or to remove any wires, as Verizon Wireless does not own the wires or provide any of the relevant services. However, as shown in the originally submitted plans, the proposed small cell will not increase the number of wires extending from the Phillips Street Pole, as Verizon Wireless will rely on electrical and fiber cables already installed there.

4. *Information confirming that the distance from the small cell facility proposed on the Willard Street Pole to the nearby residence is consistent with previously approved small cells.*

Enclosed with this letter as **Exhibit C** are plans showing that the distance from the small cell proposed on the Willard Street Pole to the roof of the porch at the nearest residence is 16'2"; the distance from the small cell to the roof of that residence is 22'. Each distance is well beyond the minimum distance the Committee has found acceptable in previous applications and the setback in the pending amendment to the small cell ordinance.

Public Properties Committee

April 21, 2021

Page 3

5. *Information confirming that the distance from the small cell facility proposed on the High Street Pole to the nearby residence is consistent with previously approved small cells.*

Enclosed with this letter as **Exhibit D** are plans showing that the distance from the small cell proposed on the High Street Pole to the nearby residence is 21'8", well beyond the minimum distance the Committee has found acceptable in previous applications and the setback in the pending amendment to the small cell ordinance.

### **Conclusion**

We believe that the information and materials provided in this letter address all the outstanding questions the Committee raised at its public hearing on March 23, 2021. We request that the Committee place the Pending Applications on the agenda of its next available meeting so that Verizon Wireless may address any further questions in response to these materials.

Thank you for your assistance in this matter. Please feel free to contact me if you have any questions or if you would like to discuss the information in this letter further.

Very truly yours,



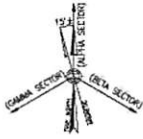
John F. Weaver

### **Enclosures**

ec: S. Conway (w/o enclosures)  
P. Foley (w/o enclosures)  
S. Usovich (w/o enclosures)  
R. Colorusso (w/o enclosures)

**EXHIBIT A**

**Broadway Street Pole Plan**



# BOS\_MALDEN\_005\_MA

## CLUSTER: MALDEN S - EVERETT N

PRESIDING POWER COMPANY  
nationalgrid

**verizon**

\* Because Better Matters \*

UTILITY POLE #5103  
7 BROADWAY  
MALDEN, MA 02148

**CHAPPELL ENGINEERING ASSOCIATES, LLC**  
Civil - Structural - Land Surveying

R.K. EXECUTIVE CENTRE  
201 BOSTON POST ROAD WEST, SUITE 101  
MARLBOROUGH, MA 01752  
(508) 481-7400  
www.chappelleng.com

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### REVISIONS

NO.	DESCRIPTION	DATE
0	DRAWN FOR REVIEW	1/12/19
1	PROJECT UPDATE	1/17/21
2	GENERAL REVISION	1/11/21
3	REVISED PER COMMENTS	1/25/21
4	REVISED FOR POLE REPLACEMENT	3/30/21

SITE NAME:

**BOS\_MALDEN\_005\_MA**

UTILITY POLE #5103  
7 BROADWAY  
MALDEN, MA 02148

DRAWING TITLE:

**LOCATION PLAN/  
AERIAL IMAGE**

DRAWING NO.

**L-1**

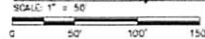
LEAVE EXHIBIT NOT FOR CONSTRUCTION

REVISION	DESIGNED BY	CHECKED BY	DATE
AS SHOWN	CHAPPELL, R.K.	CHAPPELL, R.K.	05/1/20
PROJECT NO.	DATE	DATE	DATE
1907-0126	7/6/19	7/12/19	



SITE CONTROL POINT:  
CENTER OF EXISTING UTILITY POLE #5103  
N 42.422556° (42°-25'-24.80")  
W 71.042288° (71°-02'-33.31")  
APPROXIMATE GROUND ELEVATION = 23 ± AMSL  
PER GOOGLE EARTH

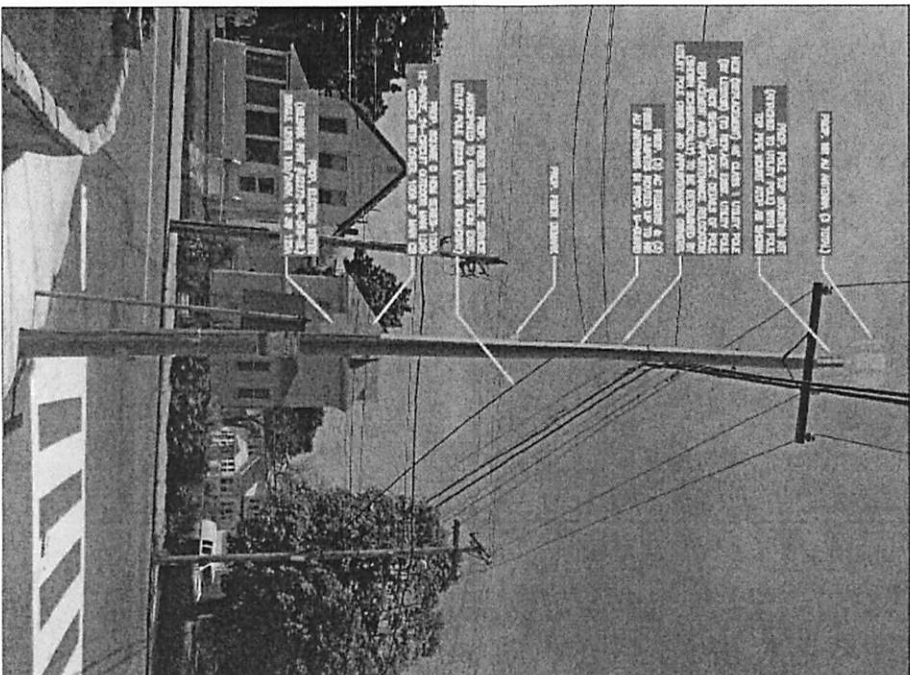
LOCATION PLAN/AERIAL IMAGE



### SHEET INDEX

DWG.	DESCRIPTION	REV.
L-1	LOCATION PLAN/AERIAL IMAGE	4
L-2	UTILITY POLE PHOTOGRAPH AND ELEVATION	4
L-3	ANTENNA & ANCILLARY EQUIPMENT DETAILS AND ONE LINE DIAGRAM	4

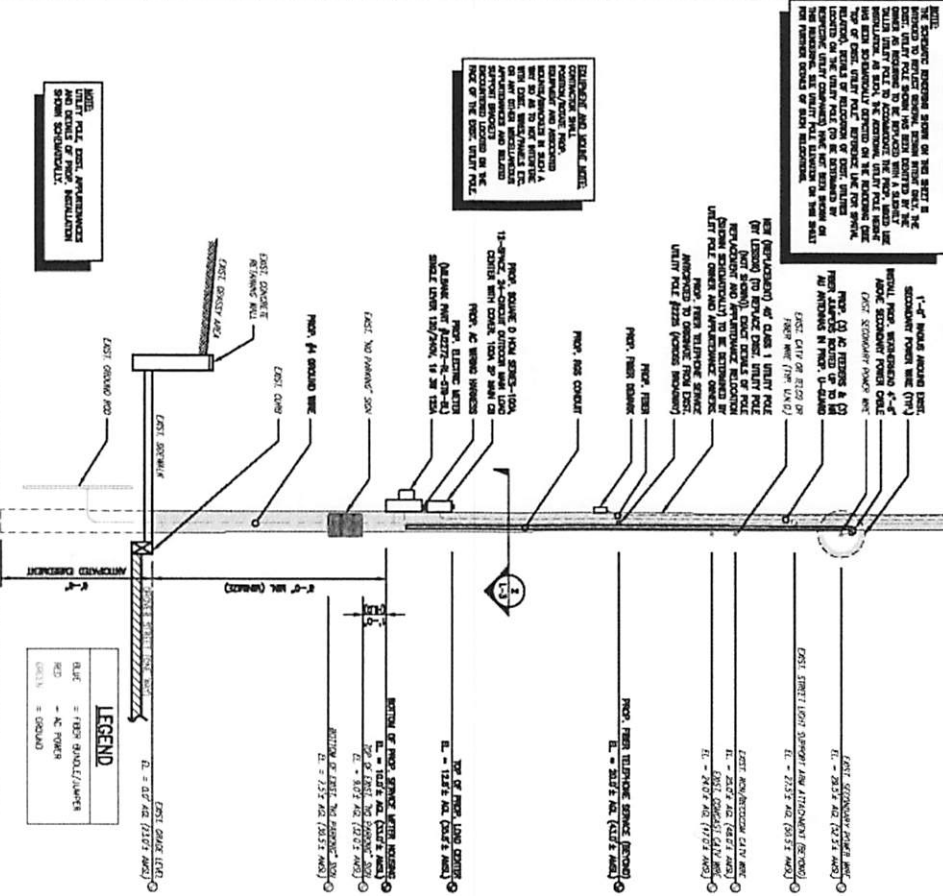
- GENERAL NOTES:**
1. THESE DRAWINGS ARE INDICATIVE IN NATURE AND ARE INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION, SIZE AND DEPTH OF THE PROPOSED WIRELESS TELECOMMUNICATIONS EQUIPMENT INSTALLATION ON THE NEW (PROPOSED) UTILITY POLE AND ARE NOT INTENDED TO BE USED FOR CONSTRUCTION.
  2. WIRELESS SERVICE SHALL BE PROVIDED BY THE WIRELESS SERVICE PROVIDER ON NEW (PROPOSED) UTILITY POLE AND ADJUTORY EQUIPMENT TO EXISTING EQUIPMENT. A CONDUIT PROVISION TO BE PROVIDED IN THE CASE OF DISCREPANCY.
  3. AN ANALYSIS OF THE CURRENT OF THE NEW (PROPOSED) UTILITY POLE TO SUPPORT THE PROPOSED LOADING HAS NOT BEEN COMPLETED BY THE WIRELESS SERVICE PROVIDER. THE WIRELESS SERVICE PROVIDER SHALL BE RESPONSIBLE FOR PROVIDING THE PROPOSED WIRELESS SERVICE PROVIDER'S DESIGN, SAFETY CODE AND ALL APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.
  4. WIRELESS SERVICE PROVIDER SHALL VERIFY THE PROPOSED UTILITY POLE MEETS THE REQUIREMENTS OF THE WIRELESS SERVICE PROVIDER'S DESIGN, SAFETY CODE AND ALL APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.



UTILITY POLE #5103 PHOTOGRAPH (EXISTING CONDITIONS/SCHEMATIC RENDERING)

**EXISTING AND PROPOSED WIRELESS SERVICE PROVIDER'S DESIGN, SAFETY CODE AND ALL APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.**

**EXISTING AND PROPOSED WIRELESS SERVICE PROVIDER'S DESIGN, SAFETY CODE AND ALL APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.**



UTILITY POLE #5103 ELEVATION (PROPOSED CONDITIONS)

**LEGEND**

CLIF	= 110V 50/60Hz/4W/1P/1R
NEP	= NE POWER
GRD	= GROUND

SCALE: VERT. = 1"=10'  
HORIZ. = 1"=40'

1-2

1-2

**verizon**  
Associate Member

**CHAPPELL ASSOCIATES, LLC**  
ENGINEERING

CHAPPELL ASSOCIATES, LLC  
CIVIL/STRUCTURAL/LAND SURVEYING  
R.K. EXCITING CIVIL  
201 BOSTON POST ROAD WEST, SUITE 101  
MALDEN, MA 02148  
www.chappellengineering.com

**REVISIONS**

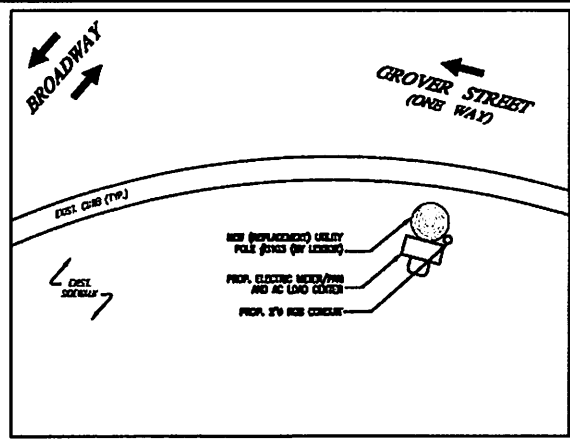
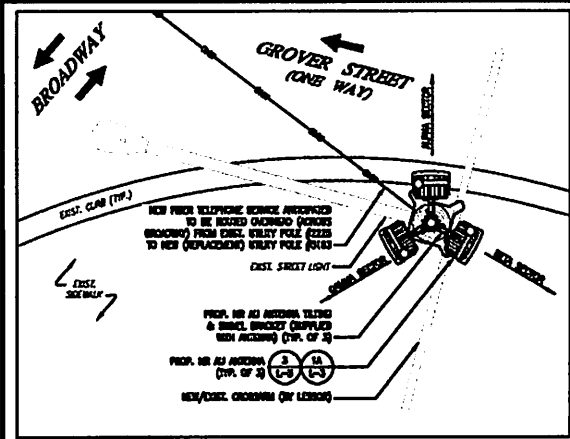
NO.	DESCRIPTION	DATE
1	ISSUED FOR REVIEW	7/19/19
2	ISSUED FOR REVIEW	7/19/19
3	ISSUED FOR REVIEW	7/19/19
4	ISSUED FOR REVIEW	7/19/19

**BOS\_MALDEN\_005\_MA**

UTILITY POLE #5103  
7 BROADWAY  
MALDEN, MA 02148

**UTILITY POLE PHOTOGRAPH AND ELEVATION**

DATE: 7/19/19  
DRAWN BY: [Name]  
CHECKED BY: [Name]  
APPROVED BY: [Name]

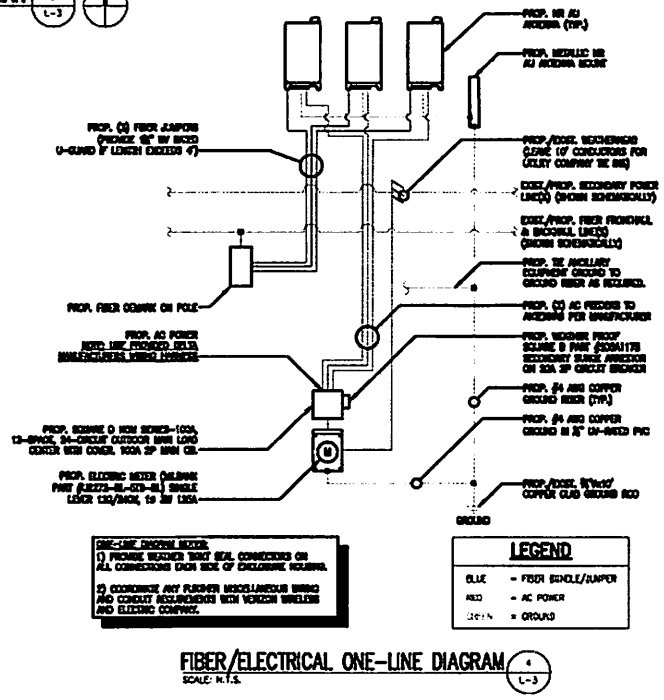
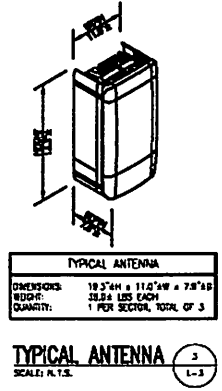
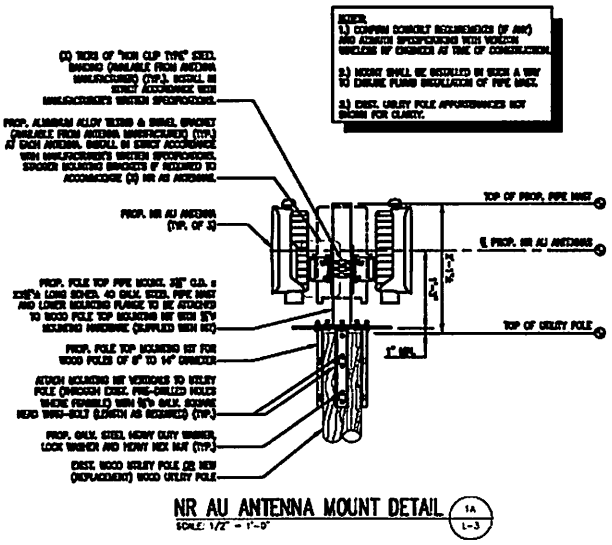
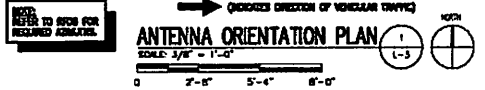


**PANEL SCHEDULE**

SQUARE D HOMELINE SERIES 16, 34, 100A 120/240V AC POWER TRANSFER LOAD CENTER IN NEMA 3R OUTDOOR ENCLOSURE (2-1/2" 168A MAIN BREAKER)

CIR #	DESCRIPTION	AMP	AMP	DESCRIPTION	CIR #
1	BLAKE BREAKER	30	-	BYWIRE	2
2				BYWIRE	4
3	NR AU ANTENNA 1	10	10	NR AU ANTENNA 2	8
7					9
8	NR AU ANTENNA 2	10	-	BYWIRE	10
11				BYWIRE	12

**ELECTRICAL LOAD CENTER PANEL SCHEDULE** (5)  
SCALE: NOT APPLICABLE



**CHAPPELL ENGINEERING ASSOCIATES, L.L.C.**  
Civil-Structural-Land Surveying

R.I. EXECUTIVE CENTRE  
201 BOSTON POST ROAD WEST, SUITE 101  
MARLBOROUGH, MA 01752  
(508) 481-7400  
www.chappellengineering.com

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**REVISIONS**

NO	DESCRIPTION	DATE
0	ISSUED FOR REVIEW	1/19/19
1	PROJECT UPDATE	1/27/21
2	GENERAL REVISION	1/11/21
3	REVISED FOR COMMENTS	1/25/21
4	REVISED FOR POLE REPLACEMENT	3/22/21

**SITE NAME:**  
BOS\_MALDEN\_005\_MA

**UTILITY POLE #6103**  
7 BROADWAY  
MALDEN, MA 02148

**DRAWING TITLE:**  
ANTENNA & ANCILLARY EQUIPMENT DETAILS AND ONE-LINE DIAGRAM

**DRAWING NO.:**  
L-3

**LEASE EJECTMENT NOT FOR CONSTRUCTION**

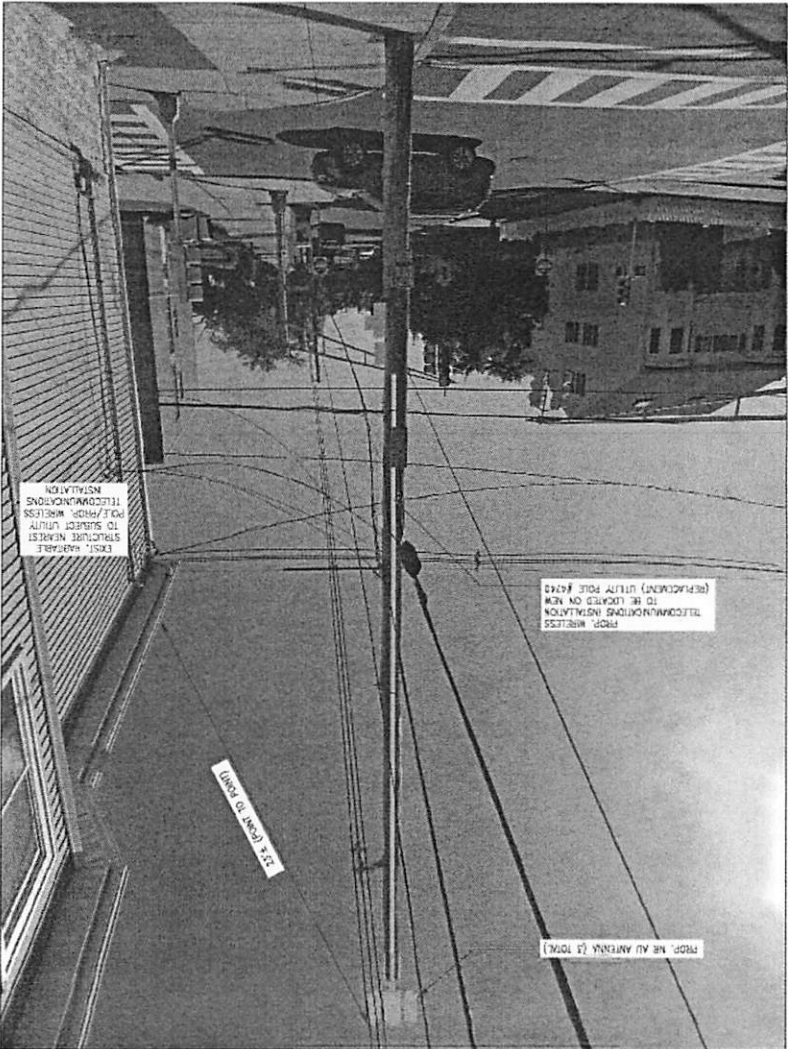
REVISION	DESIGNED BY	DATE	REVISION	DATE
AS SHOWN	1/19/19	1/19/19	1/19/19	1/19/19
1/27/21	1/27/21	1/27/21	1/27/21	1/27/21

**EXHIBIT B**

**Cross Street Pole Plan**



SCALE: 1" = 10' (VERTICAL)  
 1 SK-1  
 EXISTING CONDITIONS PHOTOGRAPH (UTILITY POLE #4740)



FROM THE ANTENNA (3' TOWER)

TELECOMMUNICATIONS INSTALLATION  
 TO BE LOCATED ON NEW  
 (REPLACEMENT) UTILITY POLE #4740  
 FROM WIRELESS

EXISTING  
 STRUCTURE NEEDED  
 TO SUPPORT UTILITY  
 POLE/ WIRELESS  
 TELECOMMUNICATIONS  
 INSTALLATION

37.5' LEGAL CLEARANCE

DATE	DESCRIPTION	BY
4/1/21	AS SHOWN	154436
4/1/21	ISSUE FOR PERMIT	154436

NOT FOR CONSTRUCTION  
 DRAWING NUMBER  
**SK-1**

DRAWING TITLE  
**EXISTING CONDITIONS  
 PHOTOGRAPH AND  
 DISTANCE STUDY**

SITE NAME  
**BOS MALDEN\_010\_MA  
 UTILITY POLE #4740  
 POLE ON WALNUT STREET,  
 133 CROSS STREET,  
 MALDEN, MA 02148**

NO	DESCRIPTION	DATE

**REVISIONS**

IF IT IS A QUESTION OF LAW FOR ANY PERSON,  
 UNDER THIS AGREEMENT UNDER THE PROVISIONS,  
 OF A LICENSED PROFESSIONAL ENGINEER,  
 TO MAKE THIS DOCUMENT

**CHAPPELL ENGINEERING ASSOCIATES, LLC**  
 Civil - Structural - Land Surveying

RICK EXCURT, CENTRE  
 201 BOSTON POST ROAD WEST, SUITE 101  
 MALDENBOROUGH, MA 02152  
 (508) 461-7400  
 www.chappellengineering.com



**EXHIBIT C**

**Willard Street Pole Plan**



CELCO PARTNERSHIP d/b/a VERIZON WIRELESS  
118 FLANDERS ROAD, 3RD FLOOR  
WESTBOROUGH, MA 01581

SITE NAME:  
**BOS\_MALDEN\_066\_MA**

LOCATION CODE:  
**554230**

SITE ADDRESS:  
**37-39 WILLARD STREET  
MALDEN, MA 02148**

Digitally signed by Jiazhu Hu,  
Ph.D., P.E.

DN: cn=Jiazhu Hu, Ph.D., P.E.,  
o=Nexius, ou=Engineering,  
email=Jiazhu.Hu@Nexius.com,  
c=US

Date: 2021.04.07 21:25:56 -04'00'

ZONING DRAWING

PREPARED BY:  
**nexius**  
TRANSFORM YOUR BUSINESS... THROUGH WIRELESS  
AME OFFICE:  
300 APOLLO DRIVE, SUITE 7  
CHELSEA, MA 01824  
1 (878) 823-7965

APPLICANT:  
**verizon**  
CELCO PARTNERSHIP d/b/a  
VERIZON WIRELESS  
118 FLANDERS ROAD, 3RD FLOOR  
WESTBOROUGH, MA 01581

PRESIDING POWER COMPANY:  
**nationalgrid**

PROFESSIONAL STAMP:

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Know what's below.  
Call before you dig.

LOCATION MAP



SHEET INDEX

SHEET NUMBER	SHEET DESCRIPTION
T-1	TITLE SHEET
Z-1	OVERALL SITE PLAN
Z-2	PHOTO DETAIL, ELEVATION & NOTES
Z-3	SITE PLAN, ANTENNA PLAN & EQUIPMENT PLAN
Z-4	DETAILS

SITE INFORMATION

SITE NAME: BOS\_MALDEN\_066\_MA  
LOCATION CODE: 554230  
SITE ADDRESS: 37-39 WILLARD STREET  
MALDEN, MA 02148  
POLE INFO: 2452  
LATITUDE: N 42° 25' 18.27" (NAD83), N 42.438408' ±  
LONGITUDE: W 71° 02' 59.80" (NAD83), W 71.049899' ±  
GROUND LEVEL: 57' ± A.M.S.L. (NAVD83)  
VERIZON WIRELESS: CELCO PARTNERSHIP D/B/A VERIZON WIRELESS

APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR MODIFICATIONS.

LEASING/SITE ACQUISITION: \_\_\_\_\_ DATE: \_\_\_\_\_  
LANDLORD: \_\_\_\_\_ DATE: \_\_\_\_\_  
VERIZON WIRELESS CM: \_\_\_\_\_ DATE: \_\_\_\_\_  
VERIZON WIRELESS RF: \_\_\_\_\_ DATE: \_\_\_\_\_  
ZONING: \_\_\_\_\_ DATE: \_\_\_\_\_

SUBMITTALS

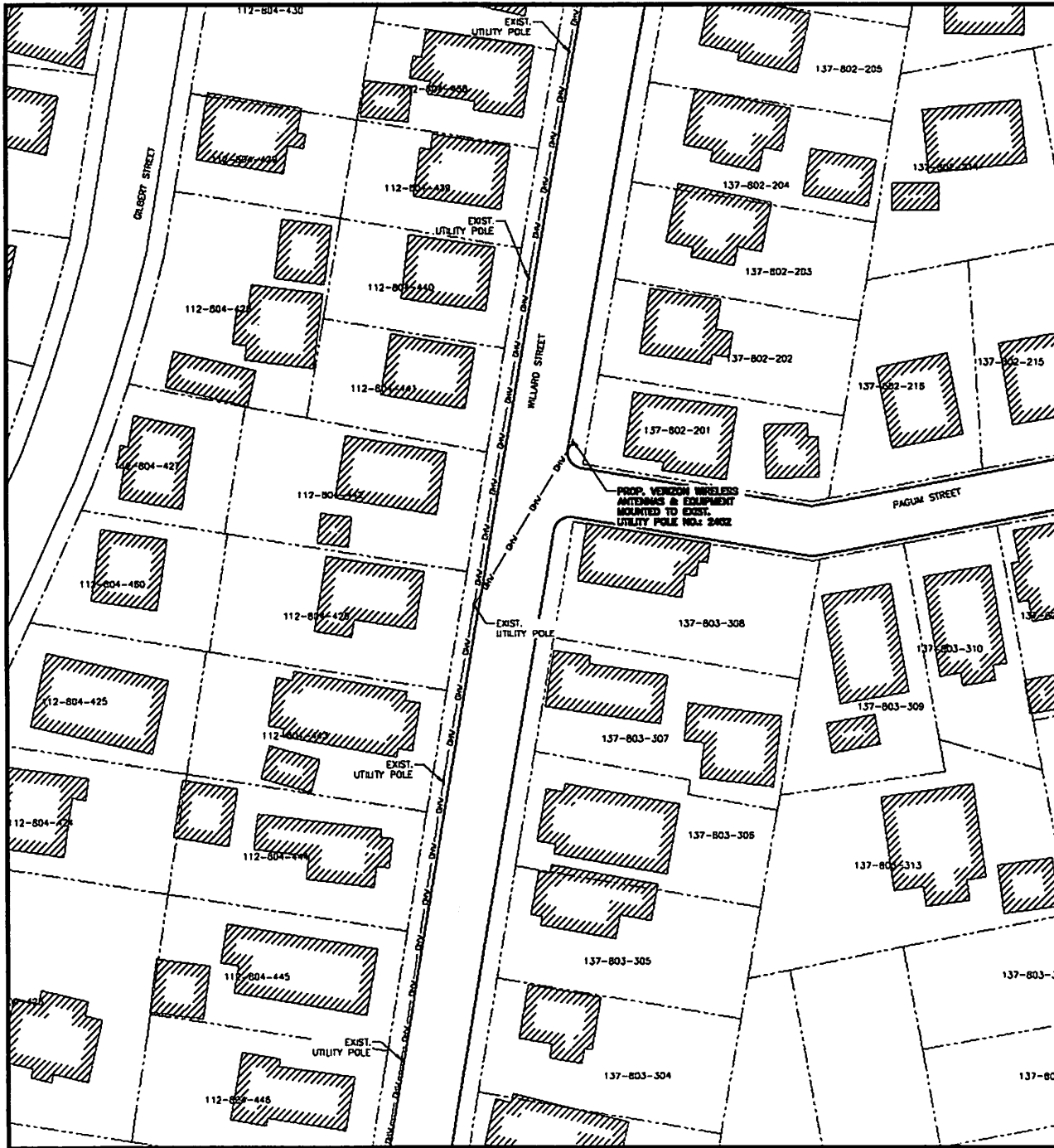
REV	DATE	DESCRIPTION	BY
0	04/06/21	ZONING DRAWINGS	AA

SITE INFO:  
SITE NAME:  
**BOS\_MALDEN\_066\_MA**  
LOCATION CODE:  
**554230**  
SITE ADDRESS:  
**37-39 WILLARD STREET  
MALDEN, MA 02148**

SHEET TITLE:  
**TITLE SHEET**

PROJECT NO:  
**20191981075**  
CHECKED BY:  
KB  
CHECKED BY DATE:  
04/06/21

SHEET NUMBER:  
**T-1**



ZONING DRAWING

PREPARED BY:  
**nexus**  
TRANSFORM YOUR BUSINESS THROUGH WIRELESS  
 A&E OFFICE  
 300 APPLE DRIVE, SUITE 7  
 CHELSEA, MA 01824  
 1 (978) 833-7063

APPLICANT:  
**verizon**<sup>v</sup>  
 CELCO PARTNERSHIP a/b/o VERIZON WIRELESS  
 118 FLANDERS ROAD, 3RD FLOOR  
 WESTBOROUGH, MA 01581

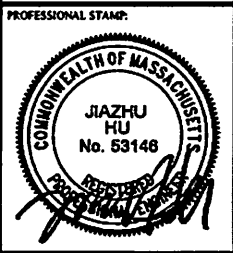
**ZONING INFORMATION**

APPLICANT:  
 CELCO PARTNERSHIP a/b/o VERIZON WIRELESS  
 118 FLANDERS ROAD  
 THIRD FLOOR  
 WESTBOROUGH, MA 01581

ZONING DISTRICT: RES A

- NOTES:
1. SITE PLAN IS NOT THE RESULT OF A SURVEY. IT IS BASED ON EXISTING PARCEL MAPS AVAILABLE FROM THE CITY/TOWN GIS DATABASE & MASS GIS.
  2. ALL EASEMENTS SHOWN ARE APPROXIMATE.
  3. ALL INFORMATION SHOWN IS APPROXIMATE ONLY AND SUBJECT TO ANY CONDITION THAT A SURVEY MAY REVEAL.
  4. ALL SETBACKS SHOWN ARE FROM THE FACE OF THE PROPOSED ANTENNAS TO THE EXISTING PROPERTY LINES.
  5. INSTALLATION WILL HAVE LIMITED IMPACT AT THE EXISTING GRADE.

PRESSING POWER COMPANY:  
**nationalgrid**



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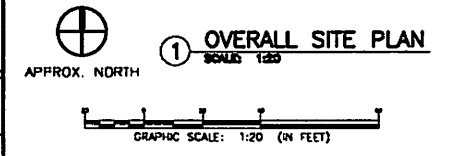
DIMENSIONAL SCALES ARE INTENDED FOR 24"X36" SIZE PRINTED MEDIA ONLY. ALL OTHER PRINTED SIZES ARE DEEMED "NOT TO SCALE".

**LEGEND**

	EXISTING STRUCTURE
	SUBJECT PARCEL
	ABUTTING PARCELS
	ZONING BOUNDARY
	EXISTING CONTOUR LINE
	PARCEL ID
	OVERHEAD WIRES

SUBMITTALS

REV	DATE	DESCRIPTION	BY
0	04/08/21	ZONING DRAWINGS	AM



SITE INFO:

SITE NAME:  
 BOB\_MALDEN\_008\_MA  
 LOCATION CODE:  
 584830  
 SITE ADDRESS:  
 37-39 WILLARD STREET  
 MALDEN, MA 02148

SHEET TITLE:  
**OVERALL SITE PLAN**

PROJECT NO:  
 20191601075

CHECKED BY:  
 KB

CHECKED BY DATE:  
 04/05/21

SHEET NUMBER:  
**Z-1**

**GENERAL NOTES:**

1. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION, SIZE AND ORIENTATION OF THE PROPOSED WIRELESS TELECOMMUNICATIONS EQUIPMENT INSTALLATION ON THE UTILITY POLE AND ARE NOT SPECIFICALLY INTENDED FOR CONSTRUCTION.
2. VERIZON WIRELESS SHALL PLACE WEATHER RESISTANT PHENOLIC PLACARDS ON UTILITY POLE AND ANLLARY EQUIPMENT TO IDENTIFY EQUIPMENT OWNERSHIP AND CONTACT INFORMATION TO BE UTILIZED IN CASE OF EMERGENCY.
3. AN ANALYSIS OF THE CAPACITY OF THE EXISTING UTILITY POLE TO SUPPORT THE PROPOSED LOADING HAS NOT BEEN COMPLETED BY NEXIUS AND THUS, THESE DRAWINGS ARE SUBJECT TO CHANGE PENDING THE OUTCOME OF A STRUCTURAL ANALYSIS (TO BE PERFORMED BY OTHERS).
4. VERIZON WIRELESS' GENERAL CONTRACTOR SHALL EXTEND EFFORTS TO ENSURE THAT ALL PROPOSED EQUIPMENT MEETS THE REQUIREMENTS OF THE EXISTING UTILITY COMPANY OR COMPANIES CURRENTLY OCCUPYING THE UTILITY POLE AND THE 2017 NATIONAL ELECTRICAL SAFETY CODE.

**ANTENNA AND MOUNT NOTE:**

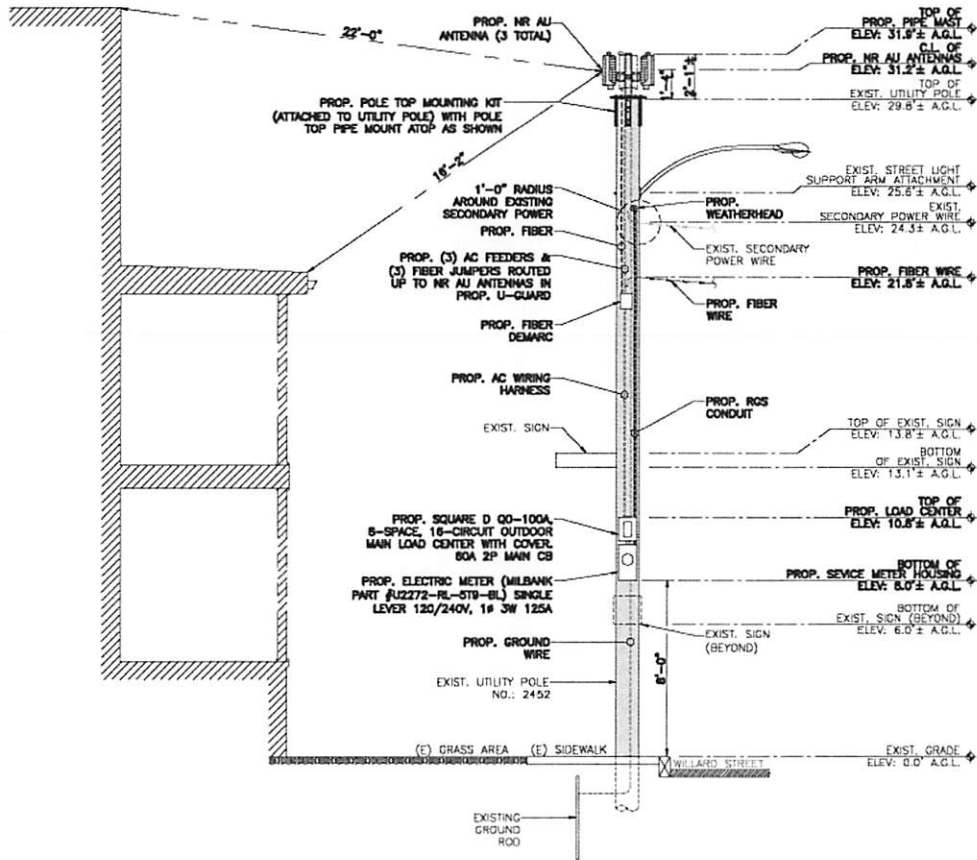
CONTRACTOR SHALL POSITION/ROTATE PROP. ANTENNA MOUNT/BRAKET IN SUCH A WAY SO AS TO NOT INTERFERE WITH EXISTING STREET LIGHT, PRIMARY POWER CROSSARM(S) (IF PRESENT), BRACKETS, BRACES, SECONDARY POWER SUPPORTS OR ANY OTHER MISCELLANEOUS APPURTENANCES AND RELATED SUPPORT BRACKETS ENCOUNTERED LOCATED ON THE EXIST. UTILITY POLE.

**EQUIPMENT AND MOUNT NOTE:**

CONTRACTOR SHALL POSITION/ROTATE PROP. EQUIPMENT AND ASSOCIATED MOUNT/BRAKETS IN SUCH A WAY SO AS TO NOT INTERFERE WITH EXISTING WIRES/PANELS ETC. OR ANY OTHER MISCELLANEOUS APPURTENANCES AND RELATED SUPPORT BRACKETS ENCOUNTERED LOCATED ON THE EXIST. UTILITY POLE.



1 PHOTO DETAIL  
N.T.S.



NOTE:  
UTILITY POLE, EXIST. APPURTENANCES AND DETAILS OF PROP. INSTALLATION SHOWN SCHEMATICALLY.

2 ELEVATION  
SCALE: 3/8" = 1'-0"

GRAPHIC SCALE: 3/8"=1'-0"

LEGEND	
BLUE	= FIBER BUNDLE/JUMPER
RED	= AC POWER
GREEN	= GROUND

ZONING DRAWING

PREPARED BY:  
**nexius**  
TRANSFORM YOUR BUSINESS THROUGH WIRELESS  
A&E OFFICE:  
300 APOLLO DRIVE, SUITE 7  
CHELSEFORD, MA 01824  
1 (978) 623-7965

APPLICANT:  
**verizon**  
CELCO PARTNERSHIP a/b/o  
VERIZON WIRELESS  
118 FLANDERS ROAD, 3RD FLOOR  
WESTBOROUGH, MA 01581

RESIDING POWER COMPANY:  
**nationalgrid**

PROFESSIONAL STAMP:  
**COMMONWEALTH OF MASSACHUSETTS**  
REGISTERED PROFESSIONAL ENGINEER  
JIAZHU HU  
No. 53146

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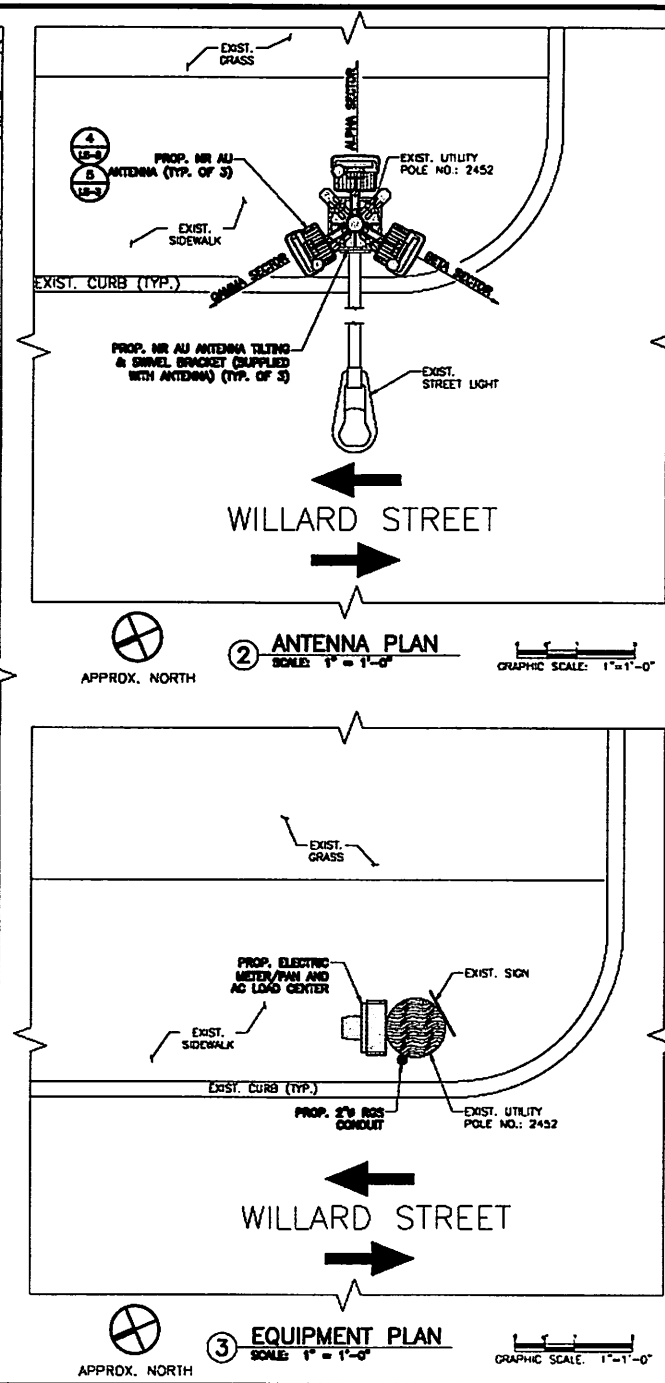
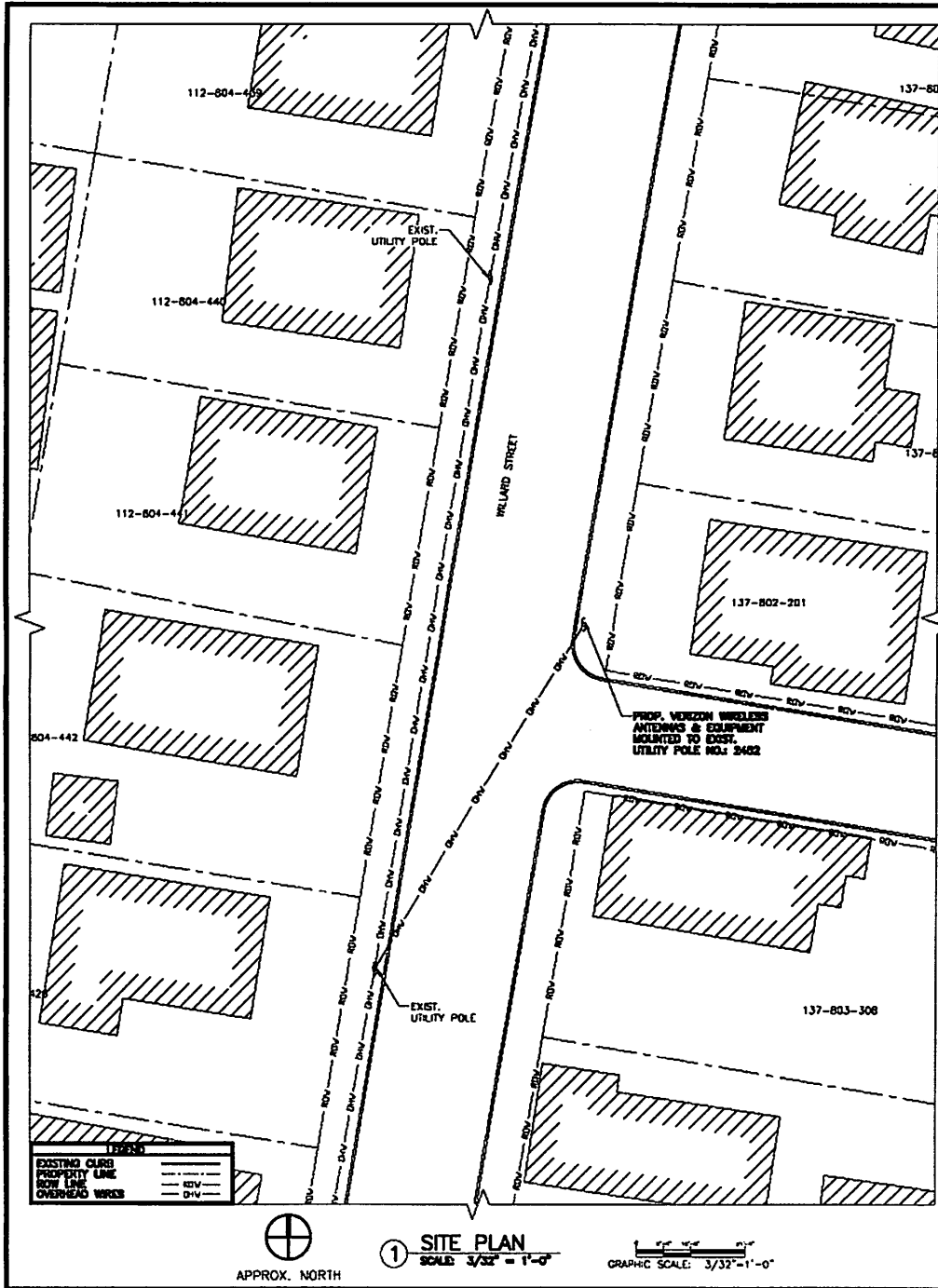
DRAWING SCALES ARE INTENDED FOR 24"x36" SIZE PRINTED MEDIA ONLY. ALL OTHER PRINTED SIZES ARE DEEMED "NOT TO SCALE".

SUBMITTALS			
REV	DATE	DESCRIPTION	BY
0	04/06/21	ZONING DRAWINGS	AA

SITE INFO:  
SITE NAME:  
BOS\_MALDEN\_086\_MA  
LOCATION CODE:  
584230  
SITE ADDRESS:  
37-39 WILLARD STREET  
MALDEN, MA 02148

SHEET TITLE:  
PHOTO DETAIL  
ELEVATION & NOTES

PROJECT NO: 20191981075	SHEET NUMBER: Z-2
CHECKED BY: KB	CHECKED BY DATE: 04/06/21

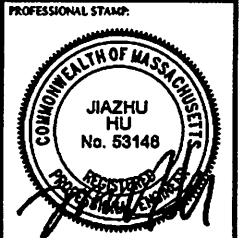


ZONING DRAWING

PREPARED BY:  
**nexus**  
TRANSFORM YOUR BUSINESS THROUGH WIRELESS  
AGE OFFICE:  
300 APOLLO DRIVE, SUITE 7  
CHELSEA, MA 01924  
1 (878) 823-7963

APPLICANT:  
**verizon**  
CELCO PARTNERSHIP c/o  
VERIZON WIRELESS  
118 FLANDERS ROAD, 3RD FLOOR  
WESTBOROUGH, MA 01581

PRESIDING POWER COMPANY:  
**nationalgrid**



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SUBDETAILS			
REV	DATE	DESCRIPTION	BY
0	04/06/21	ZONING DRAWINGS	AA

SITE INFO:

SITE NAME:  
802\_MALDEN\_008\_MA

LOCATION CODE:  
684230

SITE ADDRESS:  
37-39 WILLARD STREET  
MALDEN, MA 02148

SHEET TITLE:  
SITE PLAN, ANTENNA PLAN & EQUIPMENT PLAN

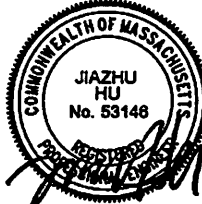
PROJECT NO: 20191881078	SHEET NUMBER: Z-3
CHECKED BY: KB	
CHECKED BY DATE: 04/06/21	

ZONING DRAWING

PREPARED BY:  
**nexius**  
TRANSFORM YOUR BUSINESS... THROUGH WIRELESS  
 OFFICE:  
 300 APOLLO DRIVE, SUITE 7  
 CHELSEA, MA 01824  
 1 (878) 823-7063

APPLICANT:  
**verizon**  
 CELCO PARTNERSHIP c/o  
 VERIZON WIRELESS  
 118 FLANDERS ROAD, 3RD FLOOR  
 WESTBOROUGH, MA 01581

RESIDING POWER COMPANY:  
**nationalgrid**

PROFESSIONAL STAMP:  


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SUBMITTALS			
REV	DATE	DESCRIPTION	BY
0	04/06/21	ZONING DRAWINGS	AA

SITE INFO:  
 SITE NAME:  
**BOL\_MALDEN\_006\_MA**  
 LOCATION CODE:  
**504230**  
 SITE ADDRESS:  
**37-39 WILLARD STREET  
 MALDEN, MA 02148**

SHEET TITLE:  
**DETAILS**

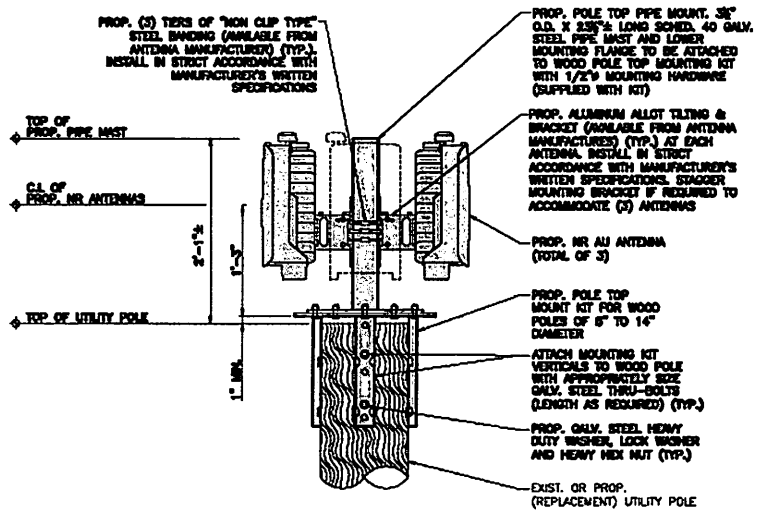
PROJECT NO: 20101981076	SHEET NUMBER: <b>Z-4</b>
CHECKED BY: KB	
CHECKED BY DATE: 04/05/21	

**ONE-LINE DIAGRAM NOTES:**

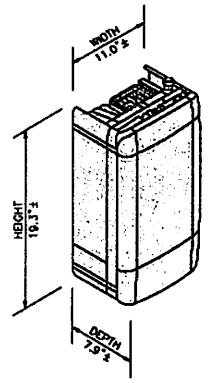
1. PROVIDE WEATHER TIGHT SEAL CONNECTORS ON ALL CONNECTIONS EACH SIDE OF ENCLOSURE HOUSING.
2. COORDINATE ANY FURTHER MISCELLANEOUS WIRING AND CONDUIT REQUIREMENTS WITH VERIZON WIRELESS AND ELECTRIC.

**LEGEND**

BLUE = FIBER BUNDLE/ARMOR  
 RED = AC POWER  
 GREEN = GROUND

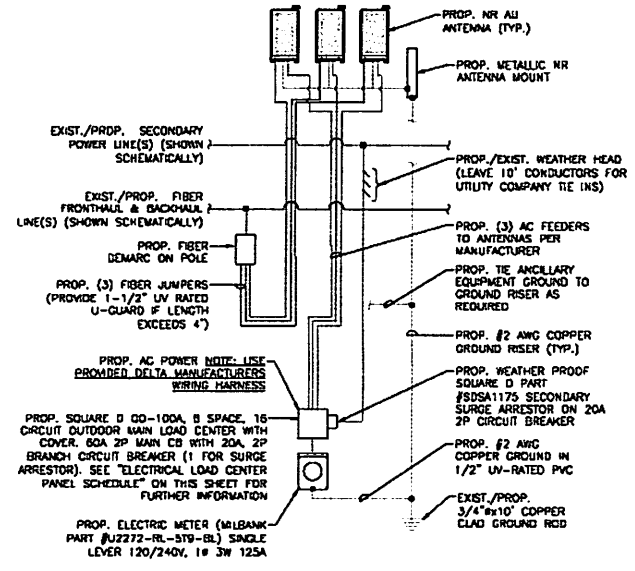


**1 ANTENNA MOUNTING DETAIL**  
N.T.S.



TYPICAL ANTENNA	
DIMENSIONS	19.3" AH x 11.0" AW x 7.9" x 0
WEIGHT	38± LBS EACH
QUANTITY	1 PER SECTOR, TOTAL OF 3

**3 ANTENNA DETAIL**  
N.T.S.



**2 GENERAL WIRING DIAGRAM**  
N.T.S.

**NOTE:**  
 REFER TO RFDS FOR REQUIRED AZIMUTHS

**NOTE:**

1. CONFIRM DOWNHILL REQUIREMENTS (IF ANY) AND AZIMUTH SPECIFICATIONS WITH VERIZON WIRELESS RF ENGINEER AT TIME OF CONSTRUCTION.
2. MOUNT SHALL BE INSTALLED IN SUCH A WAY TO ENSURE PLUMB INSTALLATION OF PIPE MAST.
3. EXIST. UTILITY POLE APPURTENANCES NOT SHOWN FOR CLARITY.

SQUARE D GO-100A, 6-SPACE, 16-CIRCUIT OUTDOOR MAIN LOAD CENTER, SINGLE PHASE IN SR ENCLOSURE

CIRCUIT	1	2	3	4	5	6	7	8
INSTRUMENTATION								
PROP. NR. ANTENNAS	1	1	1	1	1	1	1	1
AMP	20	-	-	-	-	-	-	20

**4 ELECTRICAL LOAD**  
SCALE: N.T.S.

**EXHIBIT D**

**High Street Pole Plan**





CELCO PARTNERSHIP d/b/a VERIZON WIRELESS  
118 FLANDERS ROAD, 3RD FLOOR  
WESTBOROUGH, MA 01581

SITE NAME:  
**BOS\_MALDEN\_089\_MA**

LOCATION CODE:  
**554251**

SITE ADDRESS:  
**52 HIGH STREET  
MALDEN, MA 02148**



Know what's below.  
Call before you dig.

Digitally signed by Jiazhu Hu, Ph.D.,  
P.E.  
DN: cn=Jiazhu Hu, Ph.D., P.E.,  
o=Nexius, ou=Engineering,  
email=Jiazhu.Hu@Nexius.com, c=US  
Date: 2021.04.07 21:26:22 -04'00'

ZONING DRAWING

PREPARED BY:  
**nexius**  
TRANSFORM YOUR BUSINESS... FASTER. WIRELESS.  
A&E OFFICE:  
300 APOLLO DRIVE, SUITE 7  
CHELSEA, MA 01824  
1 (978) 823-7065

APPLICANT:  
**verizon**  
CELCO PARTNERSHIP d/b/a  
VERIZON WIRELESS  
118 FLANDERS ROAD, 3RD FLOOR  
WESTBOROUGH, MA 01581

RESIDING POWER COMPANY:  
**nationalgrid**

PROFESSIONAL STAMP:

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LOCATION MAP



SHEET INDEX

SHEET NUMBER	SHEET DESCRIPTION
1-1	TITLE SHEET
2-1	OVERALL SITE PLAN
2-2	PHOTO DETAIL, ELEVATION & NOTES
2-3	SITE PLAN, ANTENNA PLAN & EQUIPMENT PLAN
2-4	DETAILS

SITE INFORMATION

SITE NAME: BOS\_MALDEN\_089\_MA  
LOCATION CODE: 554251  
SITE ADDRESS: 52 HIGH STREET  
MALDEN, MA 02148  
POLE INF: 1355  
LATITUDE: N 42° 25' 17.85" (NAD83), N 42.421627° ±  
LONGITUDE: W 71° 03' 51.52" (NAD83), W 71.064311° ±  
GROUND LEVEL: 55'± A.M.S.L. (NAVD83)  
VERIZON WIRELESS: CELCO PARTNERSHIP D/B/A VERIZON WIRELESS

APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR MODIFICATIONS.

LEASING/SITE ACQUISITION: \_\_\_\_\_ DATE: \_\_\_\_\_  
LANDLORD: \_\_\_\_\_ DATE: \_\_\_\_\_  
VERIZON WIRELESS CM: \_\_\_\_\_ DATE: \_\_\_\_\_  
VERIZON WIRELESS RF: \_\_\_\_\_ DATE: \_\_\_\_\_  
ZONING: \_\_\_\_\_ DATE: \_\_\_\_\_

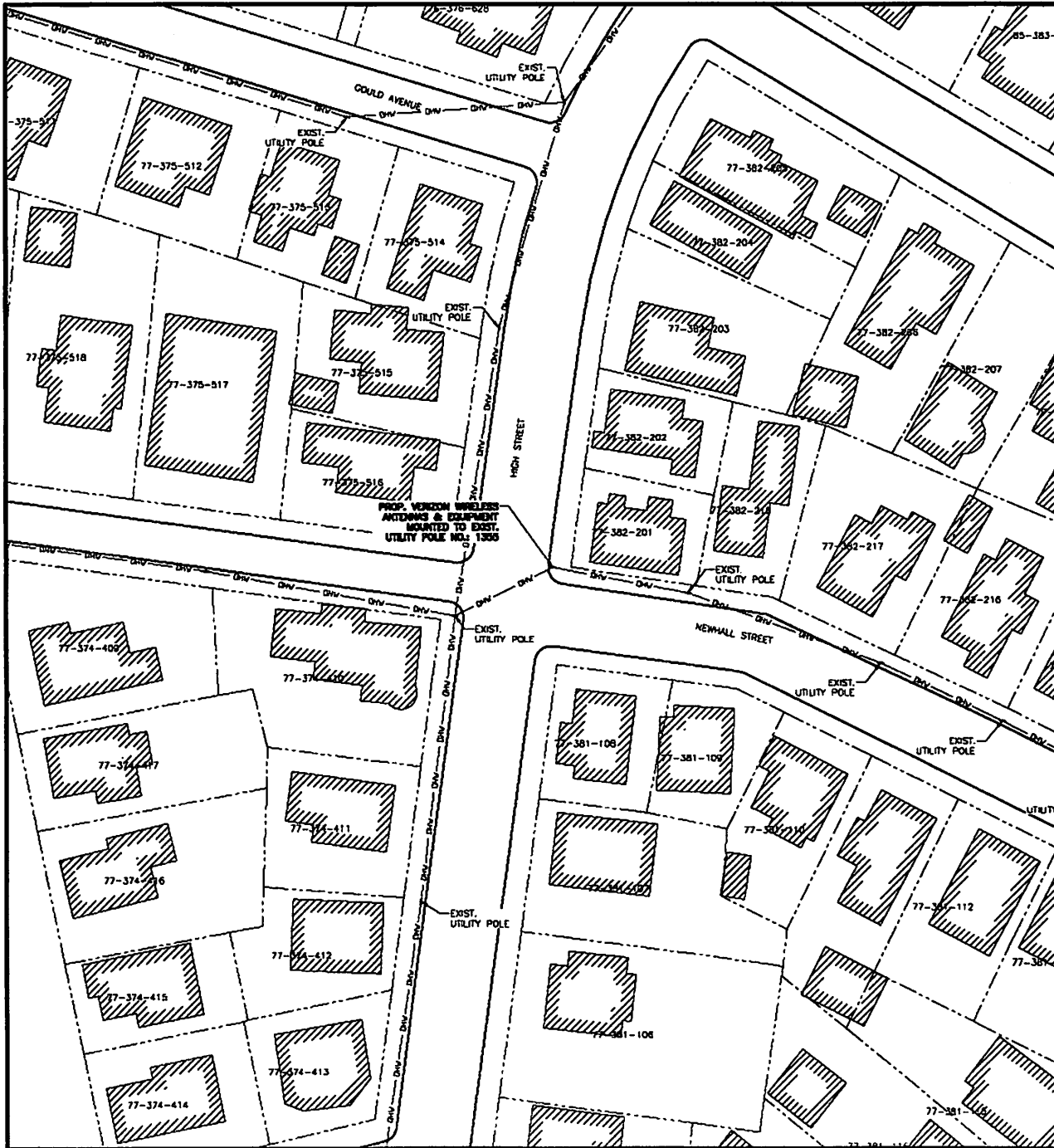
SUBMITTALS

REV	DATE	DESCRIPTION	BY
0	04/06/21	ZONING DRAWINGS	AA

SITE INFO:  
SITE NAME:  
**BOS\_MALDEN\_089\_MA**  
LOCATION CODE:  
**554251**  
SITE ADDRESS:  
**52 HIGH STREET  
MALDEN, MA 02148**

SHEET TITLE:  
**TITLE SHEET**

PROJECT NO:  
**20101081114**  
SHEET NUMBER:  
**T-1**  
CHECKED BY:  
KB  
CHECKED BY DATE:  
04/05/21



ZONING DRAWING

PREPARED BY:  
**nexus**  
TRANSFORM YOUR BUSINESS THROUGH WIRELESS  
 OFFICE:  
 300 APOLLON DRIVE, SUITE 7  
 CHELSEA, MA 01824  
 1 (978) 823-7063

APPLICANT:  
**verizon**  
 CELCO PARTNERSHIP d/b/a  
 VERIZON WIRELESS  
 118 FLANDERS ROAD, 3RD FLOOR  
 WESTBOROUGH, MA 01581

**ZONING INFORMATION**

APPLICANT:  
 CELCO PARTNERSHIP d/b/a VERIZON WIRELESS  
 118 FLANDERS ROAD  
 THIRD FLOOR  
 WESTBOROUGH, MA 01581

ZONING DISTRICT: RES A

- NOTES:**
1. SITE PLAN IS NOT THE RESULT OF A SURVEY. IT IS BASED ON EXISTING PARCEL MAPS AVAILABLE FROM THE CITY/TOWN GIS DATABASE & MASS GIS.
  2. ALL EASEMENTS SHOWN ARE APPROXIMATE.
  3. ALL INFORMATION SHOWN IS APPROXIMATE ONLY AND SUBJECT TO ANY CONDITION THAT A SURVEY MAY REVEAL.
  4. ALL SETBACKS SHOWN ARE FROM THE FACE OF THE PROPOSED ANTENNAS TO THE EXISTING PROPERTY LINES.
  5. INSTALLATION WILL HAVE LIMITED IMPACT AT THE EXISTING GRADE.

PROVIDING POWER COMPANY:  
**nationalgrid**



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**LEGEND**

- EXISTING STRUCTURE
- SUBJECT PARCEL
- ADJUTING PARCELS
- ZONING BOUNDARY
- EXISTING CONTOUR LINE
- PARCEL ID
- OVERHEAD WIRES

**SUBMITTALS**

REV	DATE	DESCRIPTION	BY
0	04/06/21	ZONING DRAWINGS	AA

**SITE INFO:**

SITE NAME:  
 BOS\_MALDEN\_000\_MA  
 LOCATION CODE:  
 054251  
 SITE ADDRESS:  
 02 HIGH STREET  
 MALDEN, MA 02148

**SHEET TITLE:**  
 OVERALL SITE PLAN

**PROJECT NO:**  
 20191061114

**CHECKED BY:**  
 KB

**CHECKED BY DATE:**  
 04/05/21

**SHEET NUMBER:**  
 Z-1

**LEGEND:**

APPROX. NORTH

**1 OVERALL SITE PLAN**  
 SCALE: 1:20

GRAPHIC SCALE: 1:20 (IN FEET)

**GENERAL NOTES:**

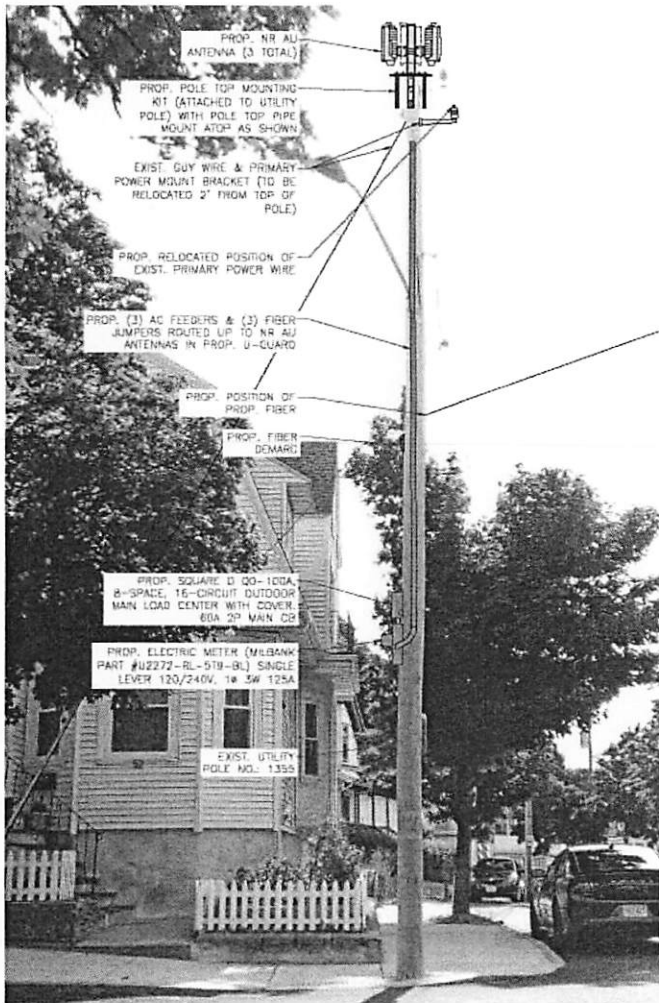
1. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION, SIZE AND ORIENTATION OF THE PROPOSED WIRELESS TELECOMMUNICATIONS EQUIPMENT INSTALLATION ON THE UTILITY POLE AND ARE NOT SPECIFICALLY INTENDED FOR CONSTRUCTION.
2. VERIZON WIRELESS SHALL PLACE WEATHER RESISTANT PHENOLIC PLACARDS ON UTILITY POLE AND ANCILLARY EQUIPMENT TO IDENTIFY EQUIPMENT OWNERSHIP AND CONTACT INFORMATION TO BE UTILIZED IN CASE OF EMERGENCY.
3. AN ANALYSIS OF THE CAPACITY OF THE EXISTING UTILITY POLE TO SUPPORT THE PROPOSED LOADING HAS NOT BEEN COMPLETED BY NEXIUS AND THUS, THESE DRAWINGS ARE SUBJECT TO CHANGE PENDING THE OUTCOME OF A STRUCTURAL ANALYSIS (TO BE PERFORMED BY OTHERS).
4. VERIZON WIRELESS' GENERAL CONTRACTOR SHALL EXTEND EFFORTS TO ENSURE THAT ALL PROPOSED EQUIPMENT MEETS THE REQUIREMENTS OF THE EXISTING UTILITY COMPANY OR COMPANIES CURRENTLY OCCUPYING THE UTILITY POLE AND THE 2017 NATIONAL ELECTRICAL SAFETY CODE.

**ANTENNA AND MOUNT NOTE:**

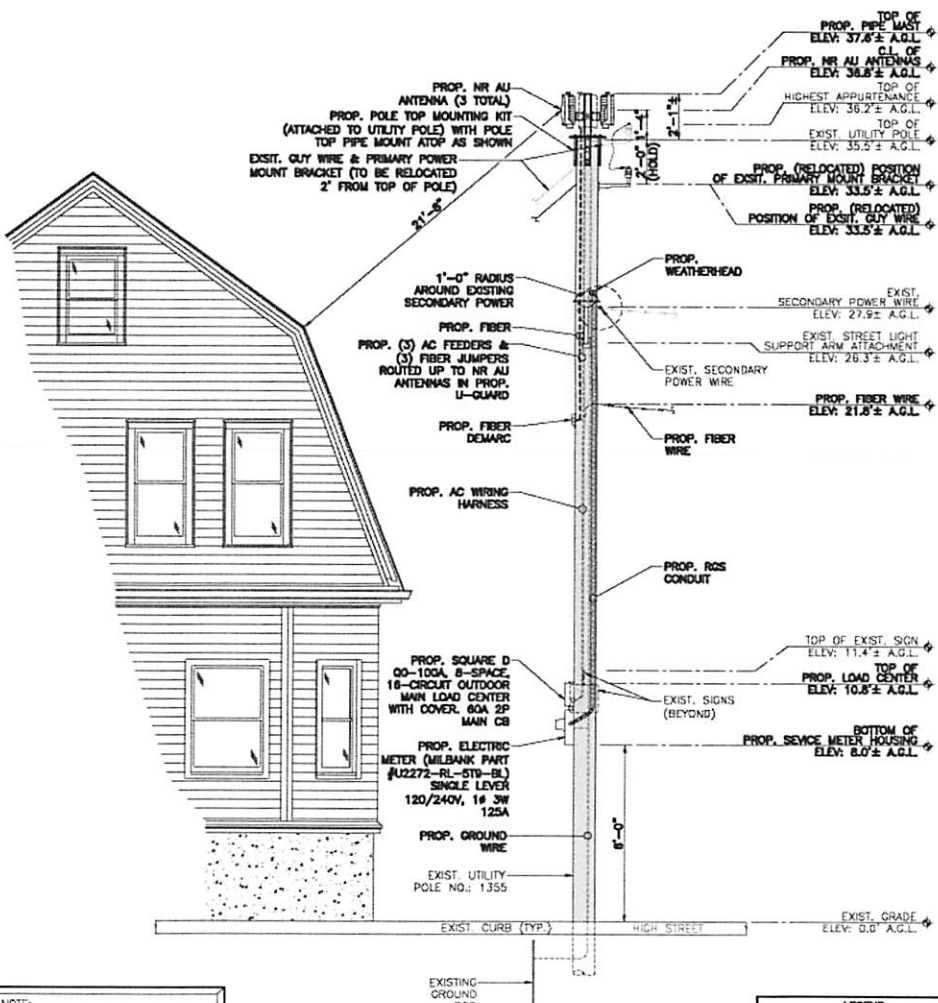
CONTRACTOR SHALL POSITION/ROTATE PROP. ANTENNA MOUNT/BRACKET IN SUCH A WAY SO AS TO NOT INTERFERE WITH EXISTING STREET LIGHT, PRIMARY POWER CROSSARM(S) (IF PRESENT), BRACKETS, BRACES, SECONDARY POWER SUPPORTS OR ANY OTHER MISCELLANEOUS APPURTENANCES AND RELATED SUPPORT BRACKETS ENCOUNTERED LOCATED ON THE EXIST. UTILITY POLE.

**EQUIPMENT AND MOUNT NOTE:**

CONTRACTOR SHALL POSITION/ROTATE PROP. EQUIPMENT AND ASSOCIATED MOUNT/BRACKETS IN SUCH A WAY SO AS TO NOT INTERFERE WITH EXISTING WIRES/PANELS ETC. OR ANY OTHER MISCELLANEOUS APPURTENANCES AND RELATED SUPPORT BRACKETS ENCOUNTERED LOCATED ON THE EXIST. UTILITY POLE.



① PHOTO DETAIL  
N.T.S.



**NOTE:**  
UTILITY POLE, EXIST. APPURTENANCES AND DETAILS OF PROP. INSTALLATION SHOWN SCHEMATICALLY.

② ELEVATION  
SCALE: 3/8" = 1'-0"

LEGEND	
BLUE	= FIBER BUNDLE/JUMPER
RED	= AC POWER
GREEN	= GROUND

ZONING DRAWING

PREPARED BY:  
**nexius**  
TRANSFORM YOUR BUSINESS, THROUGH WIRELESS  
AME OFFICE  
300 APOLLO DRIVE, SUITE 7  
CHELSEA, MA 01824  
1 (878) 625-7865

APPLICANT:  
**verizon**  
CELLCO PARTNERSHIP c/o  
118 FLANDERS ROAD, 3RD FLOOR  
WESTBOROUGH, MA 01581

PRESIDING POWER COMPANY:  
**nationalgrid**

PROFESSIONAL STAMP:  
  
JIAZHU HU  
No. 53146  
REGISTERED PROFESSIONAL ENGINEER

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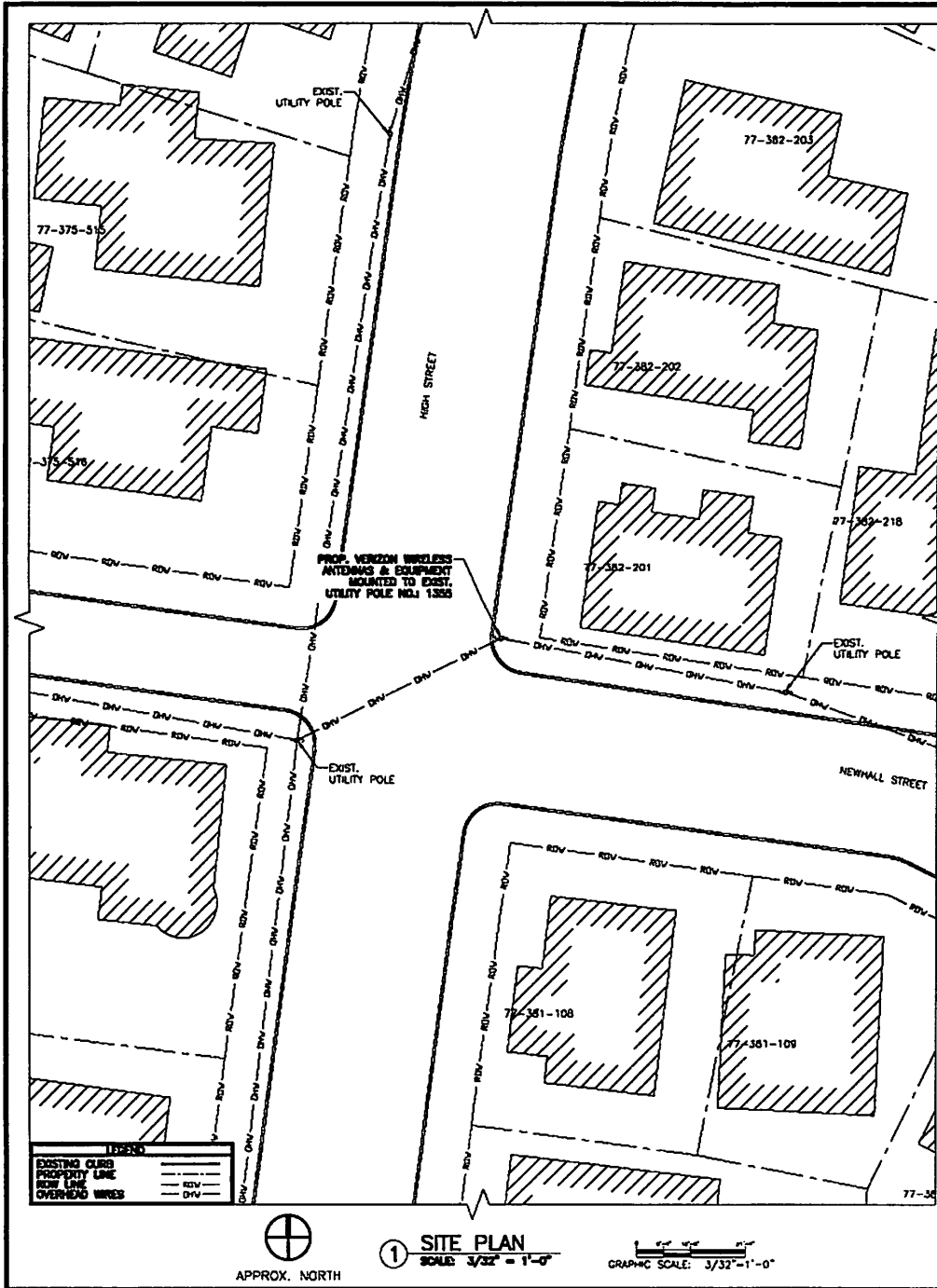
SUBMITTALS

REV	DATE	DESCRIPTION	BY
0	04/06/21	ZONING DRAWINGS	AA

SITE INFO:  
SITE NAME:  
BOS\_MALDEN\_099\_MA  
LOCATION CODE:  
654251  
SITE ADDRESS:  
52 HIGH STREET  
MALDEN, MA 02148

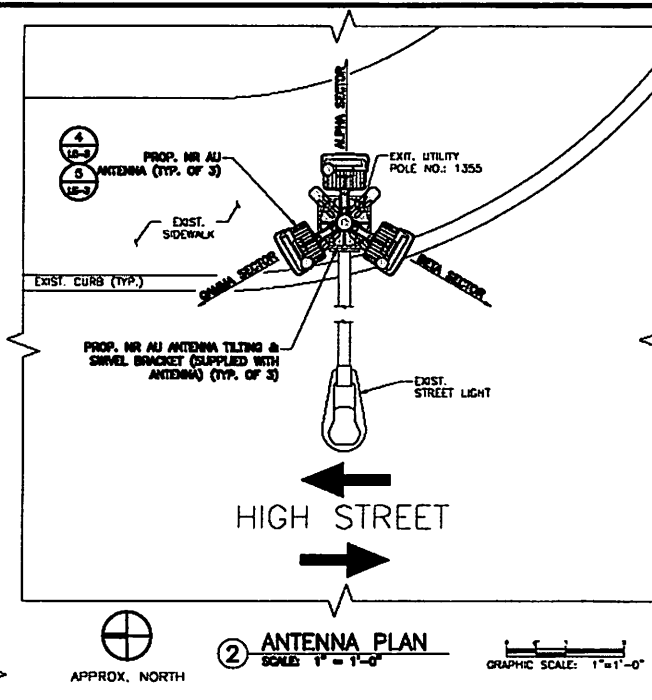
SHEET TITLE:  
PHOTO DETAIL  
ELEVATION & NOTES

PROJECT NO: 20101981114	SHEET NUMBER: Z-2
CHECKED BY: KB	
CHECKED BY DATE: 04/06/21	



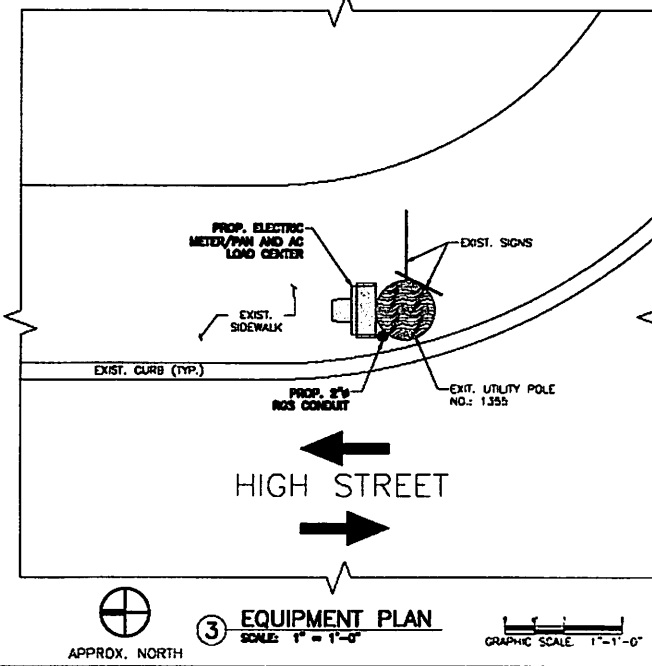
① SITE PLAN  
SCALE: 3/32" = 1'-0"

GRAPHIC SCALE: 3/32" = 1'-0"



② ANTENNA PLAN  
SCALE: 1" = 1'-0"

GRAPHIC SCALE: 1" = 1'-0"



③ EQUIPMENT PLAN  
SCALE: 1" = 1'-0"

GRAPHIC SCALE: 1" = 1'-0"

ZONING DRAWING

PREPARED BY:  
**nexus**  
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 ARE OFFICE:  
 300 APOLLO DRIVE, SUITE 7  
 CHELSEA, MA 01824  
 1 (978) 823-7063

APPLICANT:  
**verizon**  
 CELCO PARTNERSHIP d/b/o  
 VERIZON WIRELESS  
 119 FLANDERS ROAD, 3RD FLOOR  
 WESTBOROUGH, MA 01581

RESIDING POWER COMPANY:  
**nationalgrid**

PROFESSIONAL STAMP:  
  
 JIAZHU  
 HU  
 No. 53148

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SUBMITTALS		
REV	DATE	DESCRIPTION
0	04/06/21	ZONING DRAWINGS

SITE INFO:  
 SITE NAME:  
 BOS\_MALDEN\_008\_MA  
 LOCATION CODE:  
 084251  
 SITE ADDRESS:  
 82 HIGH STREET  
 MALDEN, MA 02148

SHEET TITLE:  
 SITE PLAN, ANTENNA PLAN &  
 EQUIPMENT PLAN

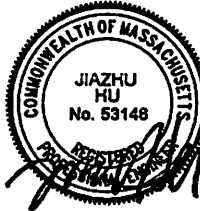
PROJECT NO: 20181061114	SHEET NUMBER: <b>Z-3</b>
CHECKED BY: KB	
CHECKED BY DATE: 04/06/21	

ZONING DRAWING

PREPARED BY:  
**nexius**  
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 ARE OFFICE:  
 300 APOLLO DRIVE, SUITE 7  
 CHELSEA, MA 01504  
 1 (978) 823-7063

APPLICANT:  
**verizon**  
 CELCO PARTNERSHIP d/b/a  
 VERIZON WIRELESS  
 118 FLANDERS ROAD, 3RD FLOOR  
 WESTBOROUGH, MA 01581

PRESIDING POWER COMPANY:  
**nationalgrid**

PROFESSIONAL STAMP:  
  
 JIAZHU HU  
 No. 53148

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SUBMITTALS

REV	DATE	DESCRIPTION	BY
0	04/06/21	ZONING DRAWINGS	AA

SITE INFO:  
 SITE NAME:  
**BOS\_MALDEN\_088\_MA**  
 LOCATION CODE:  
**604251**  
 SITE ADDRESS:  
**82 HIGH STREET  
 MALDEN, MA 02148**

SHEET TITLE:  
**DETAILS**

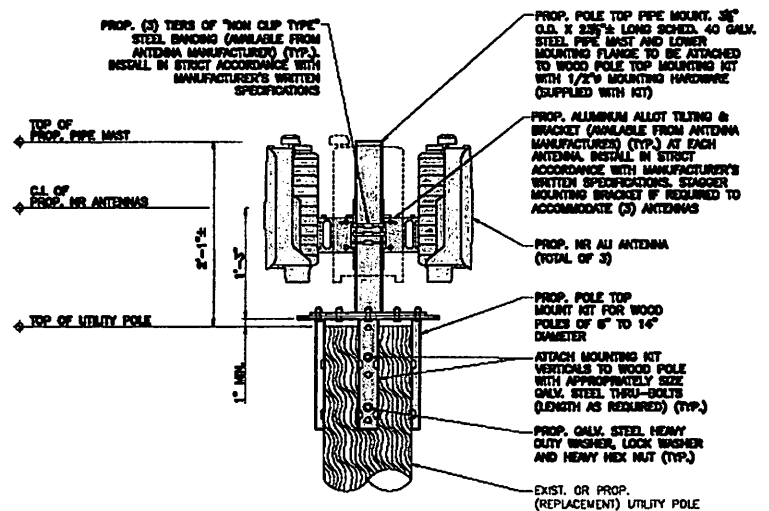
PROJECT NO:  
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 SHEET NUMBER:  
**Z-4**  
 CHECKED BY:  
**KB**  
 CHECKED BY DATE:  
**04/06/21**

**ONE-LINE DIAGRAM NOTES:**

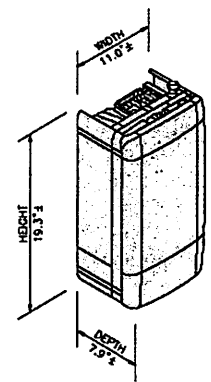
1. PROVIDE WEATHER TIGHT SEAL CONNECTORS ON ALL CONNECTIONS EACH SIDE OF ENCLOSURE HOUSING.
2. COORDINATE ANY FURTHER MISCELLANEOUS WIRING AND CONDUIT REQUIREMENTS WITH VERIZON WIRELESS AND ELECTRIC.

**LEGEND**

BLUE	= FIBER BUNDLE/ARMOR
RED	= AC POWER
GREEN	= GROUND



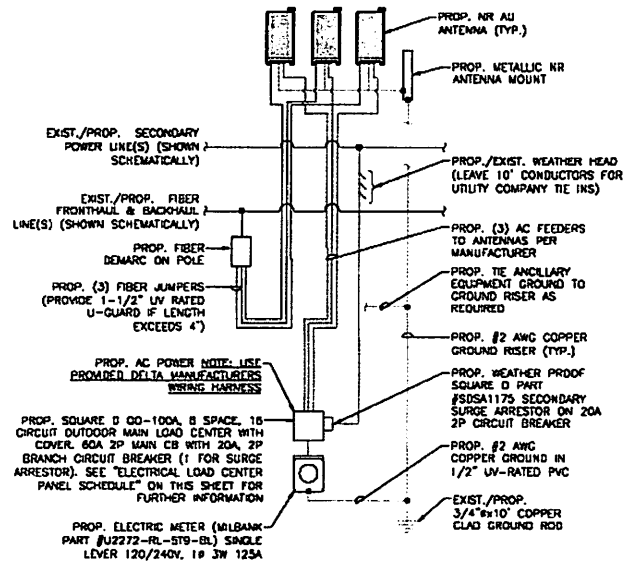
**1 ANTENNA MOUNTING DETAIL**  
 N.T.S.



**TYPICAL ANTENNA**

DIMENSIONS	19.3" H x 11.0" W x 7.9" D
WEIGHT	38± LBS EACH
QUANTITY	1 PER SECTOR, TOTAL OF 3

**3 ANTENNA DETAIL**  
 N.T.S.



**2 GENERAL WIRING DIAGRAM**  
 N.T.S.

**NOTE:**  
 REFER TO RFDS FOR REQUIRED AZIMUTHS

**NOTE:**

1. CONFIRM DOWNTILT REQUIREMENTS (IF ANY) AND AZIMUTH SPECIFICATIONS WITH VERIZON WIRELESS RF ENGINEER AT TIME OF CONSTRUCTIONS.
2. MOUNT SHALL BE INSTALLED IN SUCH A WAY TO ENSURE PLUMB INSTALLATION OF PIPE MAST.
3. EXIST. UTILITY POLE APPURTENANCES NOT SHOWN FOR CLARITY.

SQUARE D QO-100A, 8-SPACE, 16-CIRCUIT OUTDOOR MAIN LOAD CENTER, SINGLE PHASE IN 3Ø ENCLOSURE

Ckt#	1	2	3	4	5	6	7	8
DESCRIPTION	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	SURGE ARRESTOR
AMP	20	-	-	-	-	-	-	20

**4 ELECTRICAL LOAD**  
 SCALE N.T.S.