

PETITION FOR POLE AND WIRE LOCATIONS
UNDER MGL c. 166, §§ 22 and 25A

April 7, 2017

Board of Selectmen
Town of Needham, Massachusetts
1471 Highland Avenue
Needham, Massachusetts 02492

Cellco Partnership, d/b/a Verizon Wireless (“Verizon”), hereby requests permission to locate small cell wireless antennas, and all necessary sustaining and protecting fixtures, on an existing utility pole, located on a public way near **20 Great Plain Terrace in Needham, Massachusetts**, and as more particularly shown on plans titled **Needham MA SC01**, dated **November 1, 2016**, and attached hereto as Exhibit A.

Verizon requests after requisite notice and hearing, that it be granted location and permission to erect and maintain equipment on said utility pole, including, but not limited to:

- Antennas;
- Radio Units;
- Meters;
- Mounting brackets;
- Groundbars;
- Conduits;
- Cables;
- Disconnects; and
- All other necessary sustaining and protecting fixtures.

CELLCO PARTNERSHIP, D/B/A VERIZON WIRELESS

Joshua P. Lanzetta, Esq.
Attorney for Cellco Partnership d/b/a Verizon Wireless

ORDER FOR POLE AND WIRE LOCATIONS
UNDER MGL c. 166, §§ 22 and 25A

In the Town of Needham, Massachusetts,
Notice supplied and public hearing held, as provided by law,

IT IS HEREBY ORDERED:

That Celco Partnership d/b/a Verizon Wireless ("Verizon") is granted location and permission to install and maintain wireless equipment and all sustaining and protecting fixtures on an existing utility pole located on a public way near **20 Great Plain Terrace in Needham, Massachusetts**, as requested by Verizon's Petition for Pole and Wire Locations Under MGL c. 166, §§ 22 and 25A, dated **[DATE]**.

All construction under this order shall be in accordance plans titled **Needham MA SC01**, dated **November 1, 2016**.

All equipment shown on the aforementioned plans may be attached to said utility pole, including, but not limited to:

- Antennas;
- Radio Units;
- Meters;
- Mounting brackets;
- Groundbars;
- Conduits;
- Cables;
- Disconnects; and
- All other necessary sustaining and protecting fixtures.

I hereby certify that this order was adopted at a meeting of the Board of Selectmen of the Town of Needham, Massachusetts, held on the ____ day of _____, 2017.

Town Clerk
Town of Needham, Massachusetts
1471 Highland Avenue
Needham, Massachusetts 02492

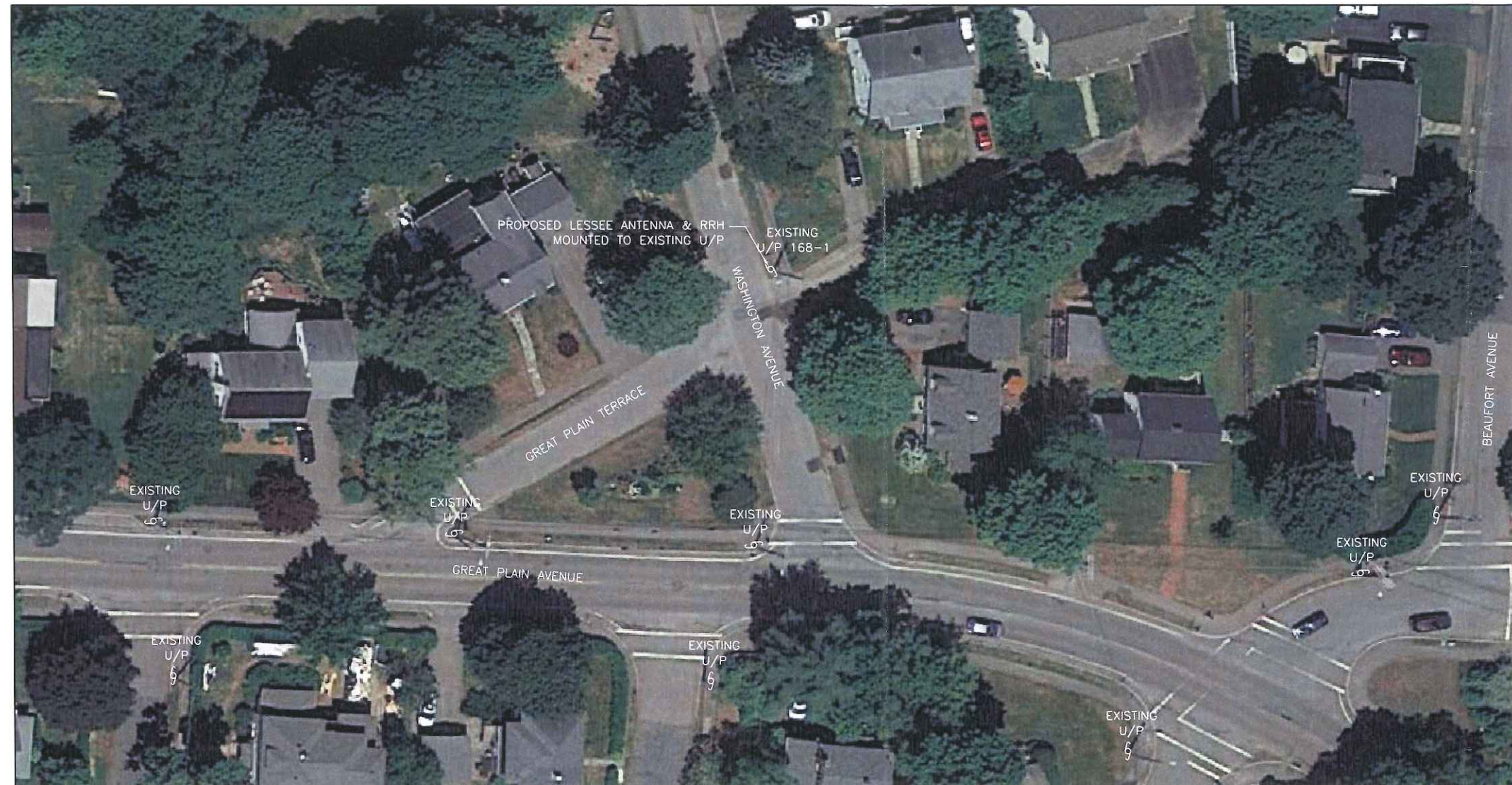
Received and entered in the records of location orders of the Town of Needham, at Book _____,
Page _____.

Attest: _____
Town Clerk
Town of Needham, Massachusetts

SITE NAME:
NEEDHAM_MA_SC01

LOCATION CODE:
385193

SITE ADDRESS:
UTILITY POLE NO.: 168-1
20 GREAT PLAIN TERRACE
NEEDHAM, MA 02492



1 KEY PLAN
SCALE: 1" = 50'



POLE COORDINATES	LATITUDE (NAD83)	LONGITUDE (NAD83)
	42° 16' 50.82" N	71° 13' 14.75" W
GROUND ELEVATION	164' A.M.S.L. (NAVD88)	

LEASE EXHIBIT

PREPARED BY:

NEXIUS
TRANSFORM YOUR BUSINESS...THROUGH WIRELESS

A&E OFFICE:
7A LYBERTY WAY
WESTFORD, MA 01886
1 (972) 755-1882



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DRAWING SCALES ARE INTENDED FOR 11"x17" SIZE PRINTED MEDIA ONLY. ALL OTHER PRINTED SIZES ARE DEEMED "NOT TO SCALE".

SUBMITTALS

REV	DATE	DESCRIPTION	BY
A	06/14/16	FOR REVIEW	JM
B	10/04/16	ADDED CLEARANCE	JM
C	10/06/16	700 RRH	JM
D	11/01/16	REVISED PER 2C	PN
E	03/28/17	REVISED PER COMMENTS	KT

SITE INFO:

SITE NAME:
NEEDHAM_MA_SC01

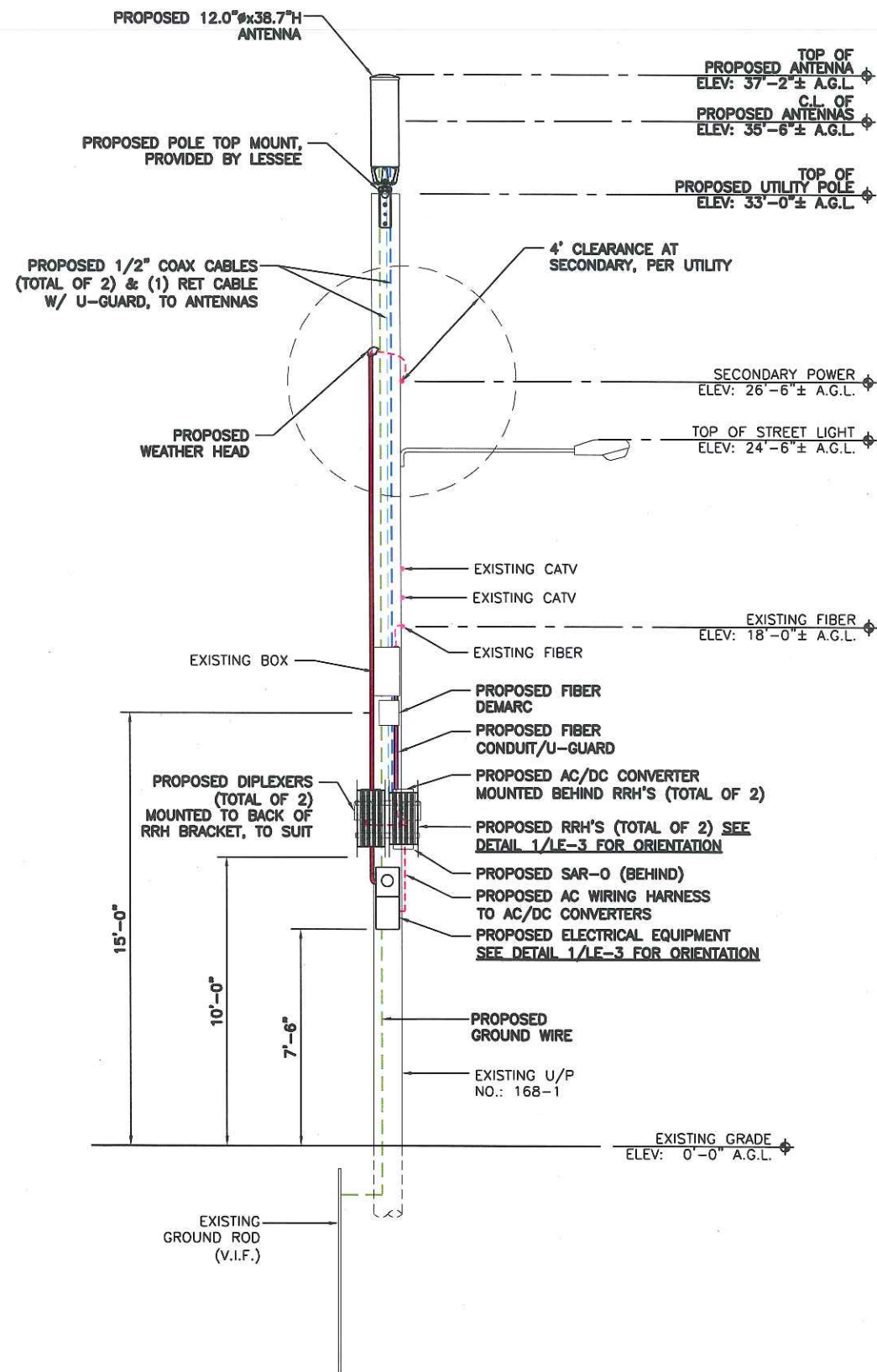
SITE ADDRESS:
U/P NO.: 168-1
20 GREAT PLAIN TERRACE
NEEDHAM, MA 02492

CHECKED BY: KB
DATE: 06/14/16

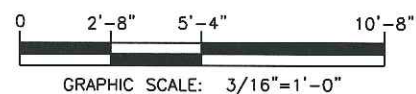
PROJECT NUMBER:
2015135137

SHEET NUMBER:

LE-1



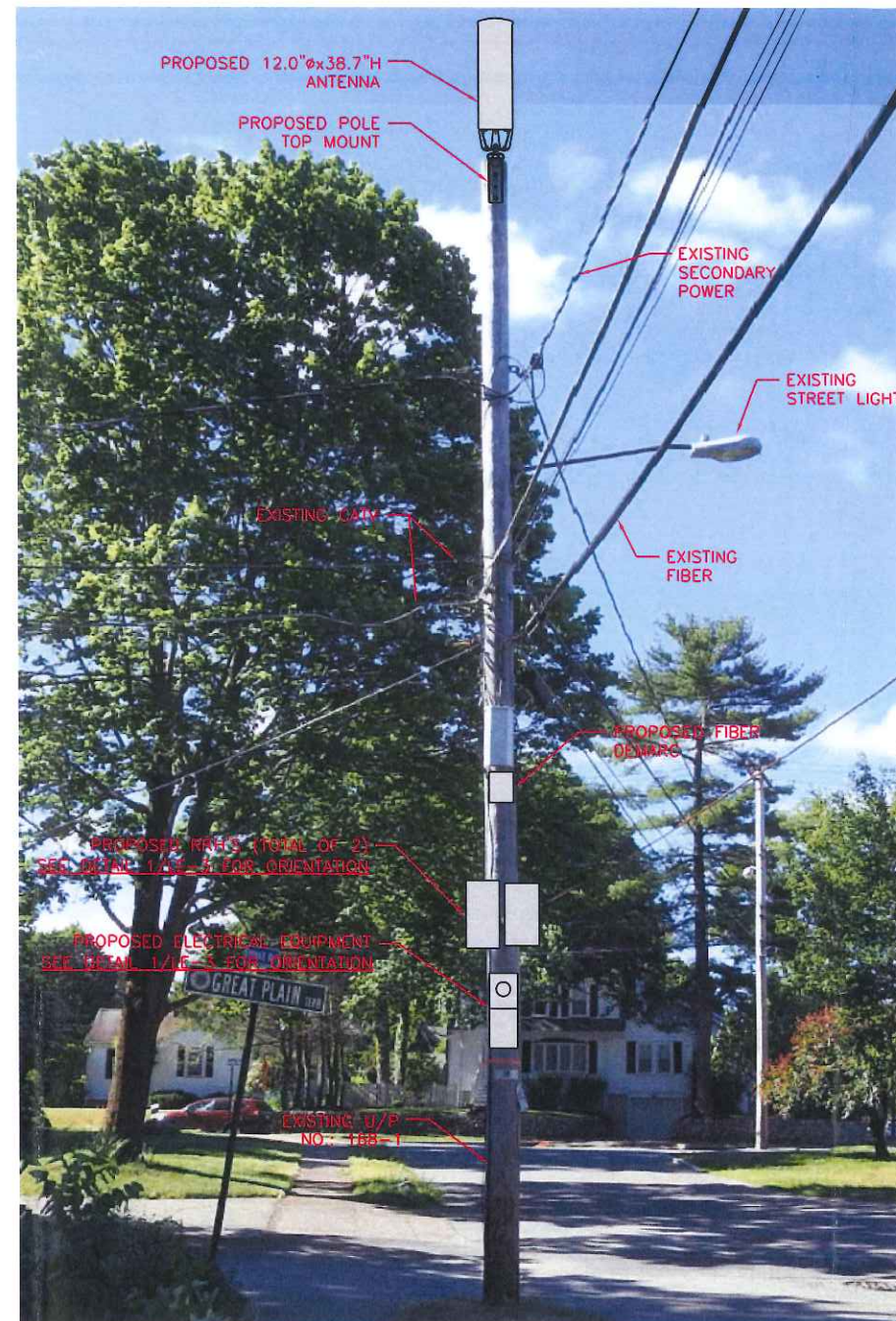
① ELEVATION
3/16" = 1'-0"



1. NOTE ON STRUCTURAL ASSESSMENT OF UTILITY POLE BEFORE ISSUANCE OF ATTACHEMENT LICENCE, UTILITY POLE OWNER HAS COMPLETED INDUSTRY-STANDARD STRUCTURAL ANALYSIS TO CONFIRM THAT POLE HAS STRUCTURAL CAPACITY TO SUPPORT THE ATTACHMENTS PROPOSED, BASED ON STANDARDS SPECIFIED IN: (1) NATIONAL ELECTRIC SAFETY CODE (LATEST EDITION); AND (2) NSI 05.1-2008 SPECIFICATIONS AND DIMENSIONS FOR WOOD POLES (LATEST EDITION).

LEASE EXHIBIT

THIS LEASE PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF SITE SURVEY AND FACILITY DESIGN



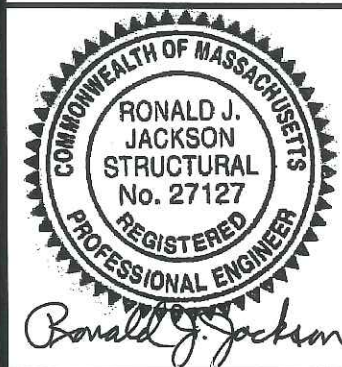
② PHOTO DETAIL
N.T.S.

LEASE EXHIBIT

PREPARED BY:

NEXIUS
TRANSFORM YOUR BUSINESS...THROUGH WIRELESS

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7A LYBERTY WAY
WESTFORD, MA 01886
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C	10/06/16	700 RRH	JM
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E	03/28/17	REVISED PER COMMENTS	KT

SITE INFO:

SITE NAME:
NEEDHAM_MA_SC01

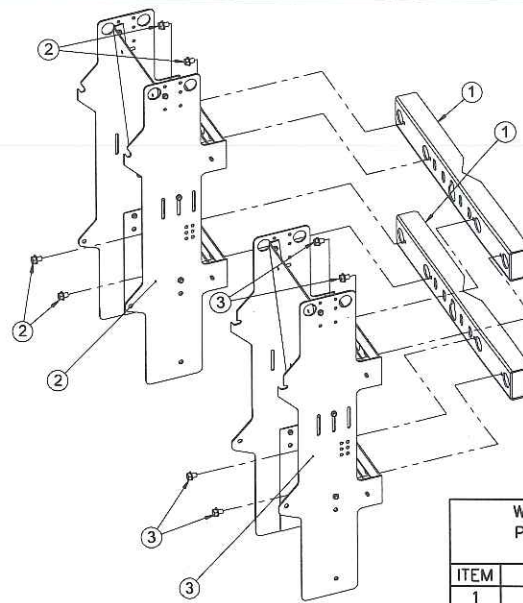
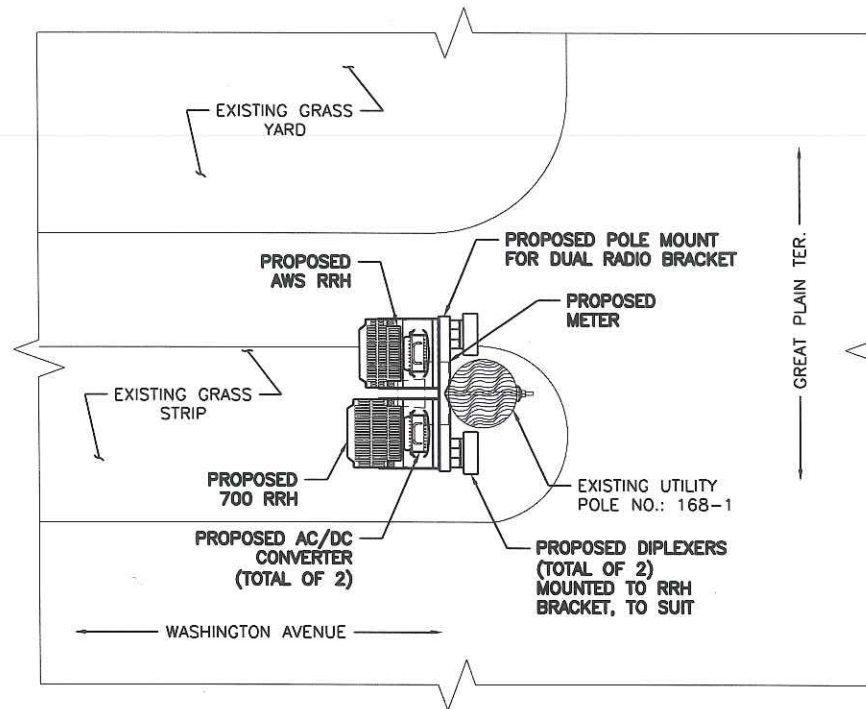
SITE ADDRESS:
U/P NO.: 168-1
20 GREAT PLAIN TERRACE
NEEDHAM, MA 02492

CHECKED BY: KB DATE: 06/14/16

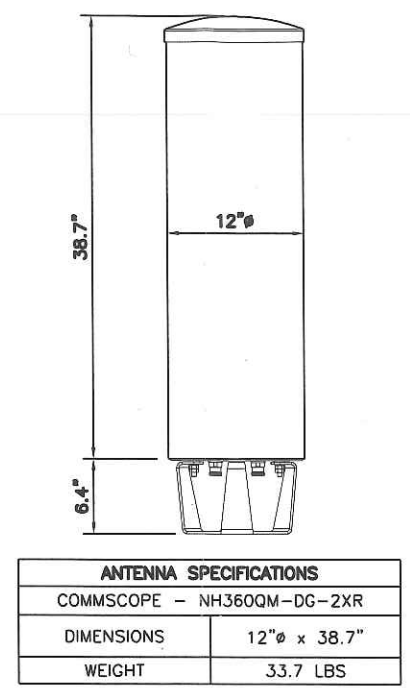
PROJECT NUMBER:
2015135137

SHEET NUMBER:

LE-2

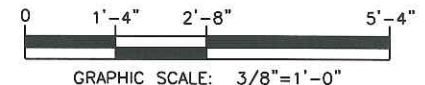


WIRELESS CONSTRUCTION, INC. POLE/WALL MOUNT FOR DUAL RADIO BRACKET		
ITEM	DESCRIPTION	QTY.
1	DOUBLE MOUNT	2
2	700MHZ RRH RACK W/ SUPPLIED HARDWARE	1
3	AWS RRH RACK W/ SUPPLIED HARDWARE	1



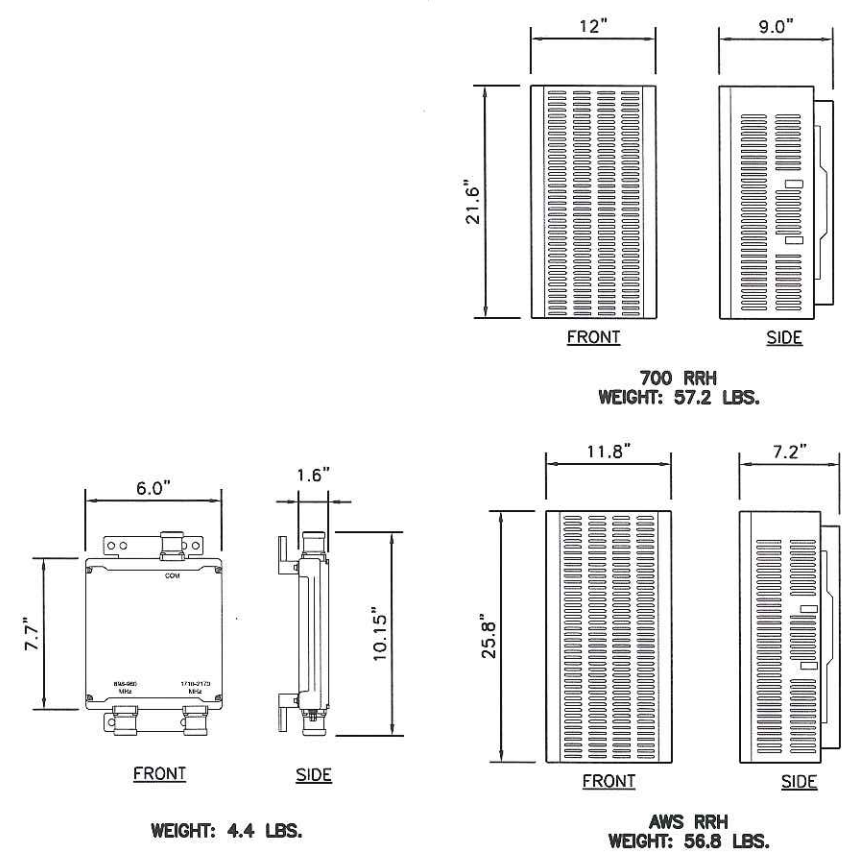
ANTENNA SPECIFICATIONS	
COMMSCOPE -	NH360QM-DG-2XR
DIMENSIONS	12" x 38.7"
WEIGHT	33.7 LBS

① RRH ORIENTATION PLAN
3/8" = 1'-0"



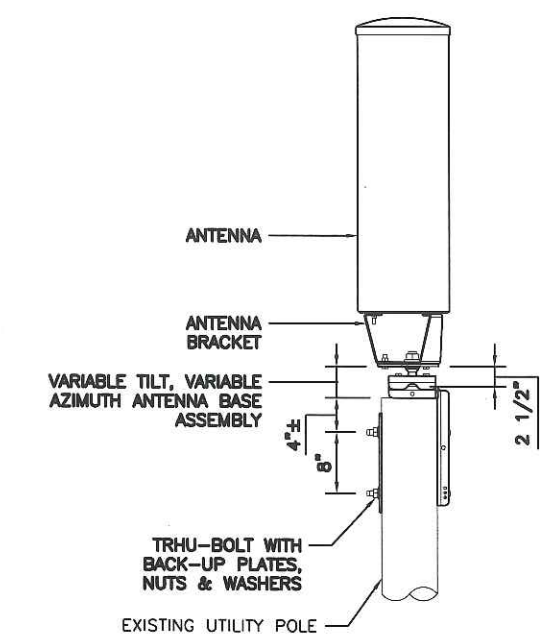
② RRH MOUNTING BRACKET SPEC.
N.T.S.

③ ANTENNA SPEC.
N.T.S.

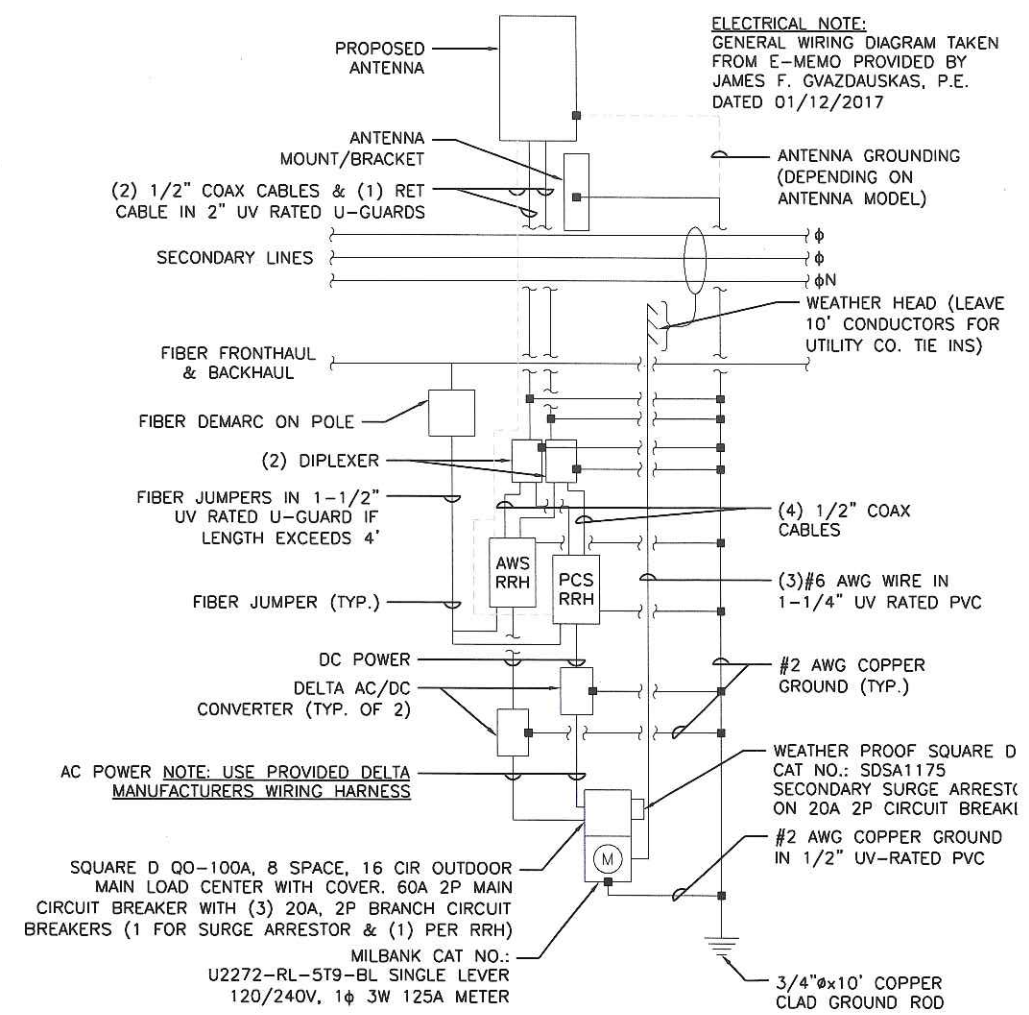


④ DIPLEXER SPEC.
N.T.S.

⑤ RRH SPEC.
N.T.S.



⑥ ANTENNA MOUNTING DETAIL
N.T.S.



⑦ GENERAL WIRING DIAGRAM
N.T.S.

PREPARED BY:



A&E OFFICE:
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NEEDHAM_MA_SC01

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20 GREAT PLAIN TERRACE
NEEDHAM, MA 02492**

CHECKED BY: KB	DATE: 06/14/16
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PROJECT NUMBER:
2015135137

SHEET NUMBER:
LE-3