

**PROPOSED ANTENNA INFORMATION**

| SECTOR | STATUS   | AZIMUTH | CABLE LENGTH |
|--------|----------|---------|--------------|
| D1     | PROPOSED | 20°     | 160'         |
| D2     | PROPOSED | 165°    | 160'         |
| D3     | PROPOSED | 250°    | 160'         |

NOTE: CABLE LENGTH = EXACT LENGTH PLUS 25'. CONTRACTOR TO VERIFY CABLE LENGTH PRIOR TO ORDERING.

**NOTE:**

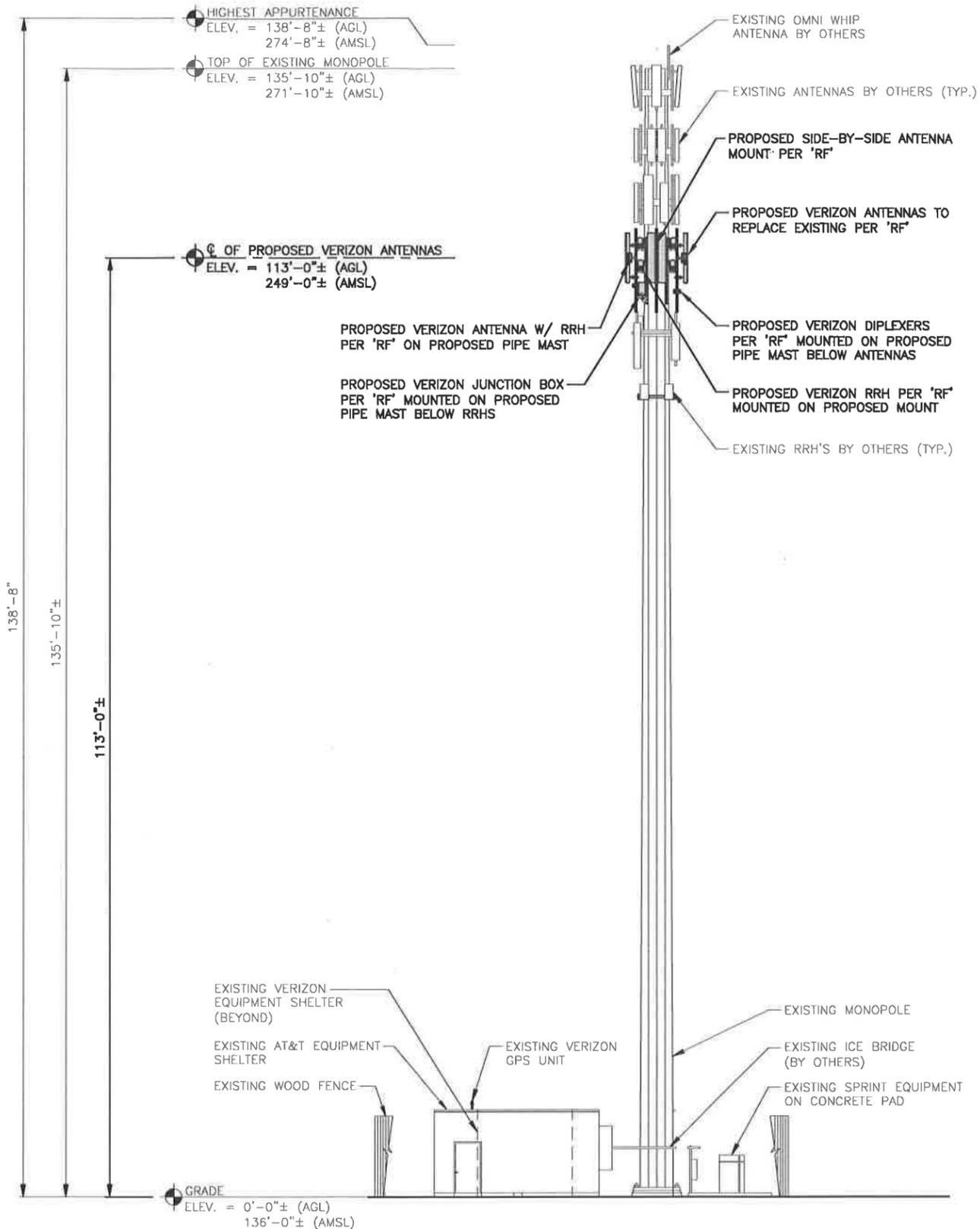
AN ANALYSIS OF THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY HUDSON DESIGN GROUP, LLC. DATED: DECEMBER 18, 2019

**NOTE:**

AN ANALYSIS FOR THE CAPACITY OF THE EXISTING ANTENNA MOUNT TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY HUDSON DESIGN GROUP, LLC. DATED: DECEMBER 16, 2019

**NOTE:**

HUDSON DESIGN GROUP, LLC. ASSUMES THE PROPOSED WORK SCOPE OF PREVIOUS CONSTRUCTION DRAWINGS WITH ISSUING DATE PRIOR TO THE ISSUING DATE OF THIS CONSTRUCTION DRAWING SET HAVE NOT BEEN COMPLETED PRIOR TO THE COMMENCEMENT OF PROPOSED SCOPE FOR THIS CONSTRUCTION DRAWING SUBMITTAL.

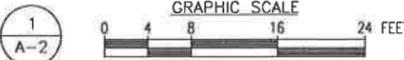


138'-8"

135'-10"±

113'-0"±

**ELEVATION**  
22x34 SCALE: 1/8"=1'-0"  
11x17 SCALE: 1/16"=1'-0"



**SCOPE**

- EXISTING (6) ANTENNAS TO BE REMOVED PER 'RF'.
- INSTALL (6) PROPOSED ANTENNAS ON (3) PROPOSED SIDE-BY-SIDE ANTENNA MOUNTS AND (3) PROPOSED ANTENNAS PER 'RF' ON PROPOSED MAST ARMS.
- INSTALL (9) PROPOSED RRH'S PER 'RF'.
- INSTALL (1) PROPOSED JUNCTION BOX PER 'RF'.
- INSTALL (6) PROPOSED DIPLXERS PER 'RF'.
- INSTALL (2) PROPOSED HYBRID CABLES PER 'RF'.
- EXISTING (6) COAX CABLES TO BE REMOVED, EXISTING (6) COAX CABLES TO REMAIN PER 'RF'.
- ALL REPLACEMENT ANTENNAS TO MATCH EXISTING CONDITION & HEIGHTS.
- RECONFIGURE/RELOCATE EXISTING ANTENNA MOUNTS AS NECESSARY TO ACCOMMODATE HORIZONTAL SEPARATION, PROPOSED AZIMUTHS, AND ANTENNAS CONFIGURATION.

**NEW ANTENNA CONFIGURATION**

**NOTE TO GENERAL CONTRACTOR:**

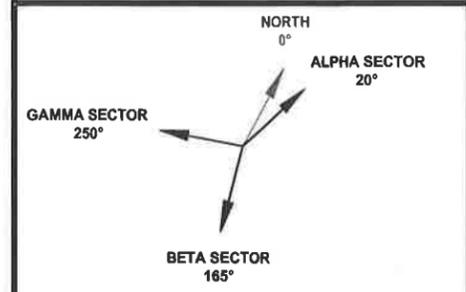
'RF' DESIGN AND EQUIPMENT IS BASED UPON RFDS ISSUED BY VZW DATED: OCTOBER 31, 2019 REVISION #0.

THE CONTRACTOR OF RECORD SHALL CONTACT VZW PRIOR TO ANY AND ALL ORDERING/PURCHASING/INSTALLATION OF EQUIPMENT TO VERIFY THAT THE 'RF' LISTED IN THE DRAWING SET IS CURRENT AND UP TO DATE.

**NOTES**

- NORTH SHOWN AS APPROXIMATE.
- SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
- ANTENNAS WILL BE CAMOUFLAGED WITH 3M WRAP, AS NEEDED, PER VERIZON WIRELESS AND BUILDING OWNER'S APPROVAL.
- PRIOR TO COMMENCEMENT OF ANY WORK, PROPOSED ANTENNA INSTALLATION IS PURSUANT TO FINDINGS DICTATED IN STRUCTURAL ANALYSIS, STRUCTURAL ANALYSIS TO VERIFY CAPACITY OF EXISTING STRUCTURE TO ENSURE STRUCTURAL INTEGRITY FOLLOWING INSTALLATION OF PROPOSED ANTENNAS, COAX CABLES AND REQUIRED HARDWARE. COPY OF STRUCTURAL ANALYSIS TO BE SENT TO DESIGN ENGINEER.
- CONTRACTOR SHALL FIELD VERIFY SCOPE OF WORK, VERIZON WIRELESS ANTENNA MOUNT LOCATION AND ANTENNAS TO BE INSTALLED.
- CONTRACTOR SHALL NOTIFY ENGINEERS IF FILED CONDITIONS DIFFER FROM DESIGN.
- RAD CENTERS MEASURE IN THE FIELD WITH LASER BY HDG. RAD CENTERS MAY NOT MATCH RF ANTENNA DESIGN SHEET.

**ANTENNA ORIENTATION**



PREPARED FOR:  
**verizon**  
118 FLEANDERS ROAD  
WESTBOROUGH, MA 01581

**HDG**  
**HUDSON**  
Design Group LLC  
45 BEECHWOOD DRIVE TEL: (978) 557-5553  
N. ANDOVER, MA 01845 FAX: (978) 336-5556

COMMONWEALTH OF MASSACHUSETTS  
DANIEL P. HAMM  
REGISTERED PROFESSIONAL ENGINEER  
No. 40720  
CONSTRUCTION DRAWINGS ARE VALID FOR SIX MONTHS AFTER ENGINEER OF RECORD STAMPS AND SIGNED ORIGINAL DATE LISTED HEREIN

CHECKED BY: JX

APPROVED BY: DPH

**SUBMITTALS**

| REV. | DATE     | DESCRIPTION             | BY |
|------|----------|-------------------------|----|
| 2    | 01/03/20 | REVISED PER LATEST RFDS | DS |
| 1    | 06/17/19 | FOR CONSTRUCTION        | DS |
| 0    | 11/25/14 | LEASE EXHIBIT           | DM |

SITE NAME:  
DOVER RELO MA

SITE ADDRESS:  
2 DEDHAM STREET  
DOVER, MA 02030

SHEET TITLE  
ELEVATION

SHEET NUMBER  
**A-2**