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DEC - 3 2014

MEMORANDUM

ALL-POINTS
TECHNOLOGY CORPORATION
3 SADDLEBROOK DRIVE · KILLINGWORTH, VT 05451
DEPARTMENT OF PLANNING & ZONING

Date: December 1, 2014

To: Ms. Mary O'Neil Comprehensive Planner, CLG Contact
City Hall
Department of Planning & Zoning
149 Church Street
Burlington, VT 05401

From: Nicole Castro

Re: Revised Notice
Proposed Wireless Telecommunications Facility
Burlington Waterfront
86 Lake Street
Burlington, Vermont

To comply with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended, Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless), has retained All-Points Technology Corporation, P.C. (APT) to evaluate proposed wireless telecommunications facilities for any adverse effect it may have on historic properties. As part of this evaluation, and in conformance with the Nationwide Programmatic Agreement (NPA) for review of effects on historic properties for proposed undertakings, APT is submitting notification of the above referenced facility to the City's Mayor's Office and Department of Planning and Zoning.

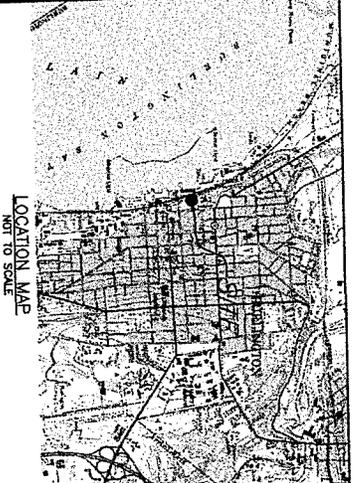
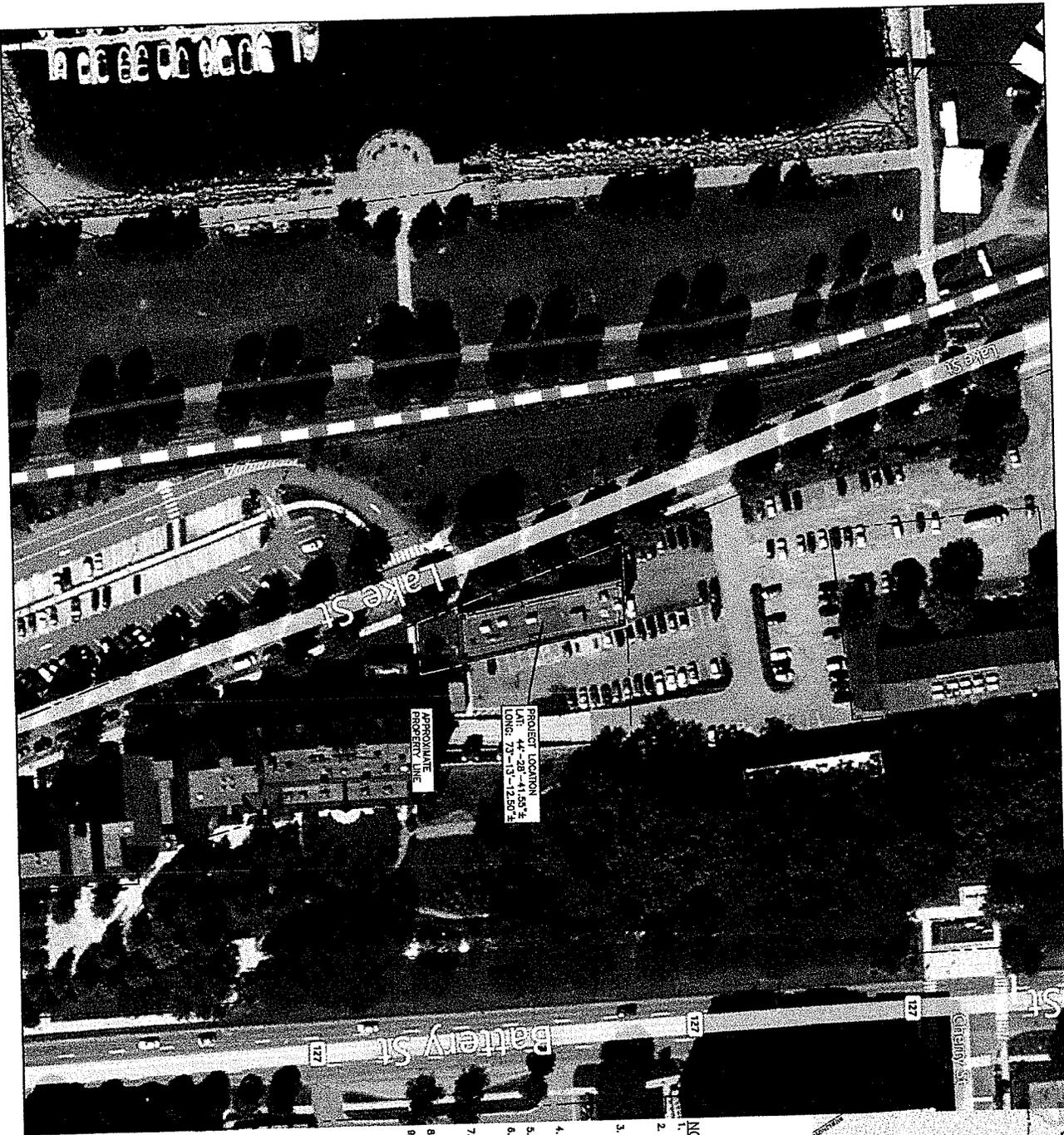
Verizon Wireless is proposing to install Communications antennas atop the roof of the building located at 86 Lake Street in Burlington, Chittenden County, Vermont, 05401. The installation would include four 3.5' by 4' by 7' high stealth enclosures on each corner of the building's roof to conceal two sectors of antennas per enclosure and one sector of antennas (four panel antennas, three RRH's, and one MBD left unconcealed) located along the eastern side of the roof. The total overall height of the proposed installation would be 43' above ground level.

The proposed stealth enclosures would be minimally sized and clad in the same finish as the existing roof mechanical equipment. They would be deliberately differentiated from the building elevations to avoid creating a false historic appearance. The proposed enclosures would be most visible from the north and south elevations, but the mature vegetation lining the south and west elevations largely shields the view from any public rights-of-way. The applicant

also proposes to install vents in one bay on the northwest corner of the structure to provide ventilation for the proposed equipment room in the basement. The vents would be painted a matte gray to minimize their appearance.

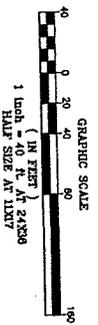
The purpose of this letter is to notify you that public notice of this proposed facility will be published in the Burlington Free Press on December 3, 2014 and to invite comments regarding any potential effects that the proposed facility may have upon historic properties from relevant individuals or groups that you may be aware of.

Public comments regarding potential effects on historic properties may be submitted within 30-days from the date of this publication to: All-Points Technology Corporation at 3 Saddlebrook Drive, Killingworth, CT 06419, to the attention of Nicole Castro, (860) 663-1697 ext. 213, ncastro@allpointstech.com. Please respond within 30 days if you wish to comment.



NOTES:

1. PROPERTY OWNERS: LAKE STREET ASSOCIATES
2. LOCATION (CENTER OF ROOF)
LATITUDE: 44-28-41.55° N
LONGITUDE: 73-13-12.50° W
3. APPLICANT:
MONEY MOBILE LIMITED PARTNERSHIP 1 AND CELCO PARTNERSHIP
EACH D/B/A VERIZON WIRELESS
C/O BROWN SULLIVAN, ESQ., ATTORNEY AT LAW
BURLINGTON, VT 05401-4485 802-861-7000
4. ENGINEER:
DUBOIS & KING, INC., A GREEN TREE FIRM
SOUTH BURLINGTON, VT 05403 802-878-7461
5. ZONING DISTRICT: MIXED USE - DOWNTOWN WATERFRONT
6. ADD PROPOSED USE: VERIZON WIRELESS: UNATTENDED TELECOMMUNICATIONS FACILITY. (1-2) VISITS PER MONTH BY TECHNICIAN, NO WATER OR SEWER SERVICES REQUIRED.
7. PROPERTY BOUNDARIES SHOWN ARE APPROXIMATE AS PROVIDED BY CITY OF BURLINGTON TAX MAPS. DUBOIS & KING, INC. DID NOT PERFORM A BOUNDARY SURVEY.
8. GPS SURVEY PERFORMED BY DUBOIS & KING ON 4/18/2014.
9. ELEVATIONS FROM GPS OBSERVATIONS.



DUBOIS & KING, INC.
 REGISTERED PROFESSIONAL ENGINEERS
 50 WEST MAIN STREET, SUITE 200
 BURLINGTON, VT 05401
 TEL: (802) 878-7461
 FAX: (802) 878-7461
 www.duboisandking.com

PROJECT: 20140111
 PROJECT TITLE: 86 LAKE STREET WATERFRONT

DATE: 6/25/14
 DATE: 3/17/14

DESCRIPTION: ADD NORTH AND EAST ELEVATIONS
 REVISED ANTENNA CONFIGURATION

NOT FOR CONSTRUCTION PRELIMINARY PLANS

NO.	DATE	DESCRIPTION	BY	CHK'D
1	6/25/14	ADD NORTH AND EAST ELEVATIONS	TJD	LH
2	3/17/14	REVISED ANTENNA CONFIGURATION	TJD	LH

PERMIT PLANS

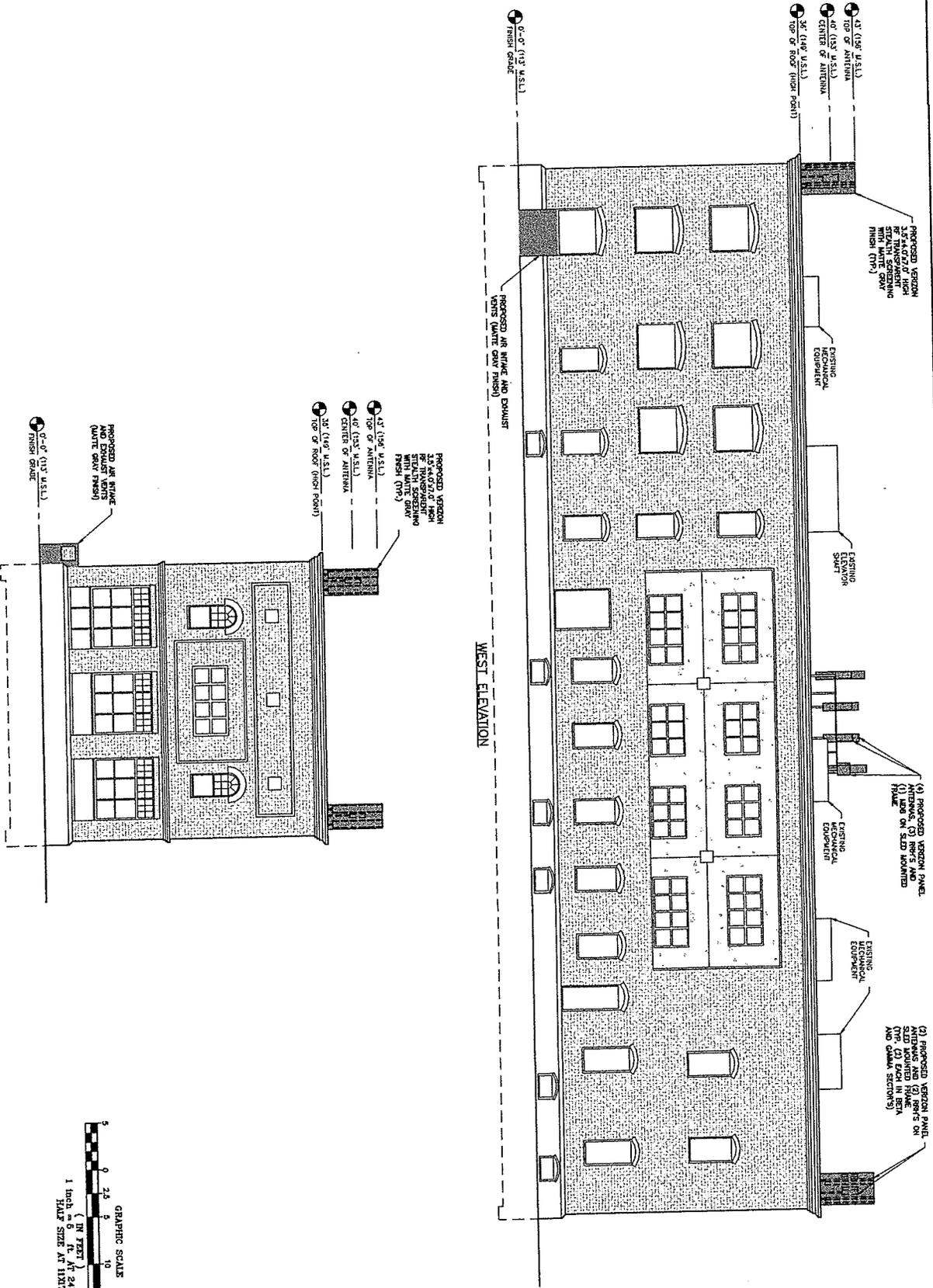
TJD
 OCT 1 2014

DATE
 OCT 1 2014

PROJECT
 86 LAKE STREET
 BURLINGTON, VT
 05401

SHEET NUMBER
 C-1

SHEET 1 OF 3



PROPOSED VERSION OF STEALTH SCREENING WITH TRANSPARENT FINISH (TTP)

EXISTING MECHANICAL EQUIPMENT

EXISTING SLANT

(1) PROPOSED VERSION PANEL ANTENNA, (2) RW'S AND (3) LMR ON SLD MOUNTED Masts

EXISTING MECHANICAL EQUIPMENT

(2) PROPOSED VERSION PANEL ANTENNAS AND RW'S ON SLD (2) EACH IN BETA AND ALPHA SECTORS

PROPOSED AIR INTAKE AND EXHAUST VENTS (WHITE GRAY FINISH)

PROPOSED VERSION 2.5' x 4.0' x 2.0' TYPICAL STEALTH SCREENING WITH WHITE GRAY FINISH (TTP)

PROPOSED AIR INTAKE AND EXHAUST VENTS (WHITE GRAY FINISH)

PROPOSED AIR INTAKE AND EXHAUST VENTS (WHITE GRAY FINISH)

4'-0" (12' U.S.L.) TOP OF ANTENNA

10'-0" (30' U.S.L.) CENTER OF ANTENNA

20'-0" (60' U.S.L.) TOP OF ROOF (FIRST POINT)

4'-0" (12' U.S.L.) TOP OF ANTENNA

10'-0" (30' U.S.L.) CENTER OF ANTENNA

20'-0" (60' U.S.L.) TOP OF ROOF (FIRST POINT)

4'-0" (12' U.S.L.) TOP OF ANTENNA

10'-0" (30' U.S.L.) CENTER OF ANTENNA

20'-0" (60' U.S.L.) TOP OF ROOF (FIRST POINT)

4'-0" (12' U.S.L.) TOP OF ANTENNA

10'-0" (30' U.S.L.) CENTER OF ANTENNA

20'-0" (60' U.S.L.) TOP OF ROOF (FIRST POINT)

4'-0" (12' U.S.L.) TOP OF ANTENNA

10'-0" (30' U.S.L.) CENTER OF ANTENNA

20'-0" (60' U.S.L.) TOP OF ROOF (FIRST POINT)

PROPOSED AIR INTAKE AND EXHAUST VENTS (WHITE GRAY FINISH)

WEST ELEVATION

SOUTH ELEVATION



NOT FOR CONSTRUCTION PRELIMINARY PLANS

DUBOIS Engineering Inc. BURLINGTON, VERMONT 05401

PROJECT NO. 201300101 PROJECT TITLE: 86 LAKE STREET BURLINGTON, VT 05401

SHEET TITLE: OPTION 2 BUILDING ELEVATIONS PERMIT PLANS

DATE: OCT. 2014

DESIGNER: L.H. 423318P

PROJECT NO. 201300101

SHEET NUMBER: 818

C-3

SHEET 3 OF 5

PROF. SEAL

DATE

DESCRIPTION

NO. 1 3/17/14 REVISED ANTENNA CONFIGURATION

NO. 2 6/25/14 ADDED NORTH AND EAST ELEVATIONS

NO. 3 3/17/14

NO. 4

NO. 5

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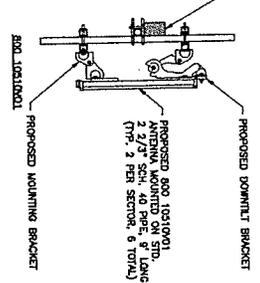
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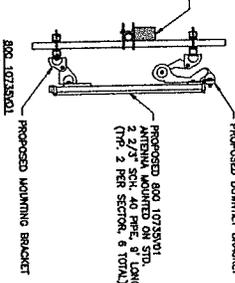
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PROPOSED ALU RRH 2x4x 700u MOUNTED BEHIND PROPOSED ANTENNA (3 PER SECTOR, 9 TOTAL)

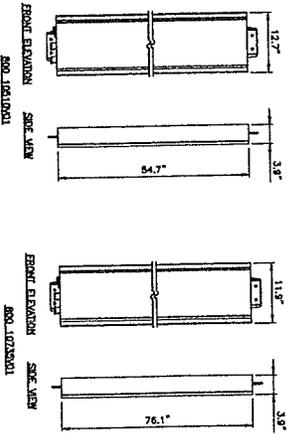


PROPOSED DISTRIBUTION BOX DB-E1-38-848-02 (1 PER SECTOR, 3 TOTAL)



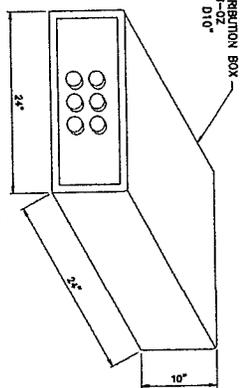
PROPOSED ANTENNA DETAILS
NOT TO SCALE

ANTENNA FACIAL SURFACE AREA
 600 1073501: 76.1" x 11.8" = 828 SQ. FT. x 8 ANTENNAS = 3773 SQ. FT.
 600 1073501: 54.7" x 8.1" = 232 SQ. FT. x 6 ANTENNAS = 1390 SQ. FT.
 TOTAL AREA: (3773 + 1390) = 5163 SQ. FT.

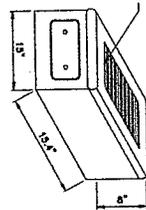


PANEL ANTENNA DETAILS
NOT TO SCALE

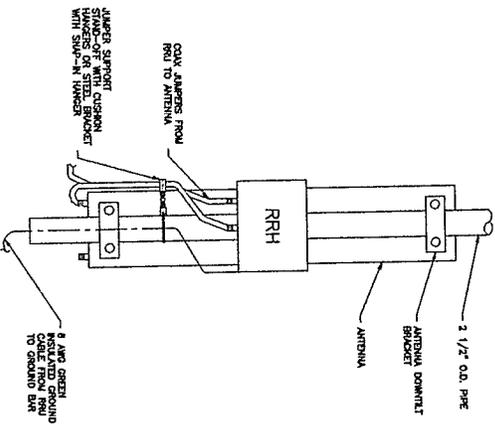
PROPOSED DISTRIBUTION BOX DB-E1-38-848-02 (1 PER SECTOR, 3 TOTAL)



PROPOSED ALU RRH 2x4x 700u H15.4" x W15" x D10" (TYP. OF 11)

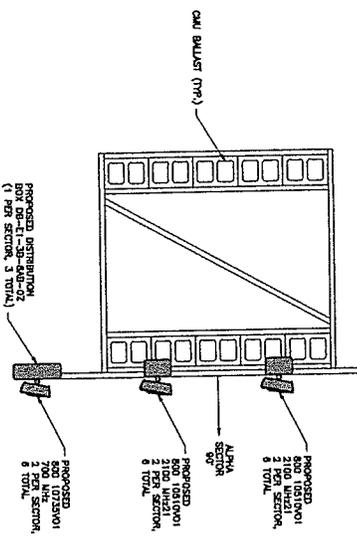


RRH DETAILS
NOT TO SCALE

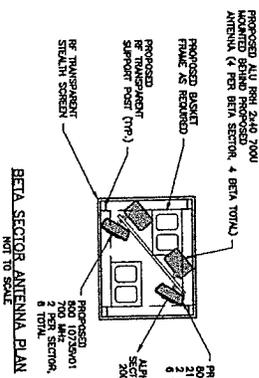


RRH PANEL DETAIL
NOT TO SCALE

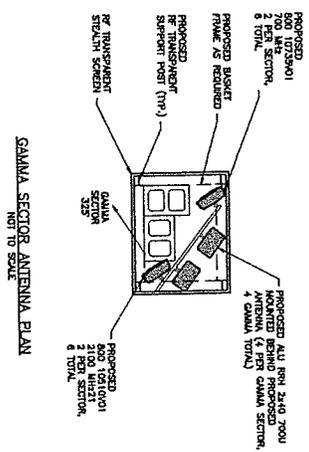
PROPOSED ALU RRH 2x4x 700u MOUNTED BEHIND PROPOSED ANTENNA (3 PER ALPHA SECTOR, 3 ALPHA TOTAL)



ALPHA SECTOR ANTENNA PLAN
NOT TO SCALE



BETA SECTOR ANTENNA PLAN
NOT TO SCALE



GAMMA SECTOR ANTENNA PLAN
NOT TO SCALE

DUBOIS & KING INC.
 100 W. MAIN ST. SUITE 100
 BURLINGTON, VT 05401
 TEL: (802) 241-1111
 FAX: (802) 241-1111
 WWW.DUBOISANDKING.COM

NO.	DATE	DESCRIPTION
1	6/25/14	ADDED NORTH AND EAST ELEVATIONS
2	3/17/14	REVISED ANTENNA CONFIGURATION

Verizon Wireless
 PROJECT: 2-DIGIT-1111
 PROJECT TITLE: BURLINGTON WATERFRONT

OPTION 2 ANTENNA PLAN AND DETAILS

86 LAKE STREET
 BURLINGTON, VT
 05401

C-5

SHEET 5 OF 6



BURLINGTON WATERFRONT

Orientation: North/Distance to Site: 0.03 miles
Photo Equivalent to 50 mm in 35mm format

Photo Location
Lake Street
Burlington, VT
June 17, 2014

EXISTING VP-1





PROPOSED VP-1

DuBois
& King
INC.



Photo Location
Lake Street
Burlington, VT
June 17, 2014

BURLINGTON WATERFRONT

Matte Chimneys

Orientation: North/Distance to Site: 0.03 miles
Photo Equivalent to 50 mm in 35mm format



BURLINGTON WATERFRONT

Orientation: Southwest/Distance to Site: 0.02 miles
Photo Equivalent to 50 mm in 35mm format

Photo Location
Lake Street Parking Lot
Burlington, VT
June 17, 2014

EXISTING VP-2





BURLINGTON WATERFRONT

Matte Chimneys

Orientation: Southwest/Distance to Site: 0.02 miles
Photo Equivalent to 50 mm in 35mm format

Photo Location

Lake Street Parking Lot
Burlington, VT
June 17, 2014

PROPOSED VP-2

