



General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>947 Westbrook St.</u>		
Total Square Footage of Proposed Structure/Area		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>199 - A - 001 - 002</u>	Applicant * must be owner, Lessee or Buyer * Name <u>Verizon, Chuck Welberly</u> Address <u>400 Friberg Pkwy</u> City, State & Zip <u>Westborough, MA 01581</u>	Telephone: <u>(617) 780 5647</u>
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name <u>City of Portland</u> Address <u>389 Congress St</u> City, State & Zip <u>Portland, ME 04101</u>	Cost Of Work: \$ <u>20,000</u> C of O Fee: \$ _____ Total Fee: \$ <u>220</u>
Current legal use (i.e. single family) _____ If vacant, what was the previous use? _____ Proposed Specific use: <u>Telecom Equipment on Roof top</u> Is property part of a subdivision? _____ If yes, please name _____ Project description: <u>Swap 6 of 12 existing antennas with new ones. Add 3 REX's and 3 surge distribution box. Work needed to improve performance.</u>		
Contractor's name: <u>John McIsicuddy</u> Address: <u>49 Brattle St.</u> City, State & Zip <u>Arlington, MA 02474</u> Telephone: <u>(617) 388 6324</u> Who should we contact when the permit is ready: <u>Kristin Champagne</u> Telephone: <u>781-454-9134</u> Mailing address: <u>49 Brattle St. Arlington, MA 02474</u>		

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature: [Handwritten Signature] Date: 7-9-13

This is not a permit; you may not commence ANY work until the permit is issue



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Jeff Levine, AICP, Director
Director of Planning and Urban Development

Tammy Munson
Director, Inspections Division

Electronic Signature and Fee Payment Confirmation

Notice: Your electronic signature is considered a legal signature per state law.

By digitally signing the attached document(s), you are signifying your understanding this is a legal document and your electronic signature is considered a **legal signature** per Maine state law. You are also signifying your intent on paying your fees by the opportunities below.

I, the undersigned, intend and acknowledge that no permit application can be reviewed until payment of appropriate permit fees are **paid in full** to the Inspections Office, City of Portland Maine by method noted below:

Within 24-48 hours, once my complete permit application and corresponding paperwork has been electronically delivered, I intend to **call the Inspections Office** at 207-874-8703 and speak to an administrative representative and provide a credit/debit card over the phone.

Within 24-48 hours, once my permit application and corresponding paperwork has been electronically delivered, I intend to **hand deliver** a payment method to the Inspections Office, Room 315, Portland City Hall.

I intend to deliver a payment method through the U.S. Postal Service mail once my permit paperwork has been electronically delivered.

Applicant Signature:

Date:

7-9-13

I have provided digital copies and sent them on:

7-16-13

Date:

NOTE: All electronic paperwork must be delivered to buildinginspections@portlandmaine.gov or by physical means ie; a thumb drive or CD to the office.



Certificate of Design Application

From Designer: Jesse Moreno, PE
 Date: May 1, 2013
 Job Name: Verizon Wireless PORTLAND JETPORT ME (RF equipment on existing mounts on rooftop)
 Address of Construction: 1001 Westbrook Street

2009 International Building Code

Construction project was designed to the building code criteria listed below:

Building Code & Year 2009 IBC Use Group Classification (s) Accessory use to Group U

Type of Construction metal wall panels and structural steel frame

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2009 IRC N/A

Is the Structure mixed use? N/A If yes, separated or non separated or non separated (section 302.3) _____

Supervisory alarm System? N/A Geotechnical/Soils report required? (See Section 1802.2) _____

Structural Design Calculations

See attached letter Submitted for all structural members (106.1 - 106.11)

Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.1.1, 1807)

Floor Area Use	Loads Shown
<u>No change</u>	<u>No additional live loads</u>
_____	_____
_____	_____

Wind loads (1603.1.4, 1609)

ASCE 7-05 Design option utilized (1609.1.1, 1609.6)

100 mph Basic wind speed (1809.3)

Imp. Factor = 1.0 Building category and wind importance Factor, I_w (table 1604.5, 1609.5)

B Wind exposure category (1609.4)

N/A Internal pressure coefficient (ASCE 7)

N/A Component and cladding pressures (1609.1.1, 1609.6.2.2)

27.0 - 27.8 psf Main force wind pressures (7603.1.1, 1609.6.2.1)

Earth design data (1603.1.5, 1614-1623)

N/A Design option utilized (1614.1)

N/A Seismic use group ("Category")

N/A Spectral response coefficients, S_D & S_{D1} (1615.1)

N/A Site class (1615.1.5)

- N/A Live load reduction
- N/A Roof live loads (1603.1.2, 1607.11)
- N/A Roof snow loads (1603.7.3, 1608)
- N/A Ground snow load, P_g (1608.2)
- N/A If $P_g > 10$ psf, flat-roof snow load P_f
- N/A If $P_g > 10$ psf, snow exposure factor, C_e
- N/A If $P_g > 10$ psf, snow load importance factor, I_f
- N/A Roof thermal factor, C_t (1608.4)
- N/A Sloped roof snowload, P_s (1608.4)
- N/A Seismic design category (1616.3)
- N/A Basic seismic force resisting system (1617.6.2)
- N/A Response modification coefficient, R , and deflection amplification factor C_d (1617.6.2)
- N/A Analysis procedure (1616.6, 1617.5)
- N/A Design base shear (1617.4, 1617.5.1)

Flood loads (1803.1.6, 1612)

N/A Flood Hazard area (1612.3)

45.5 ft. Elevation of structure

Other loads

N/A Concentrated loads (1607.4)

N/A Partition loads (1607.5)

1" ice w/ 40mph wind Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)



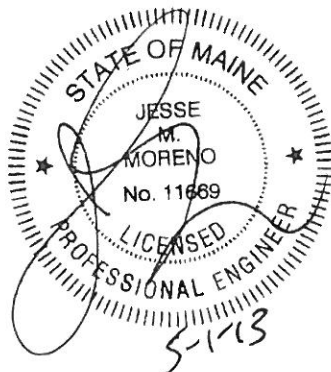
Certificate of Design

Date: May 1, 2013

From: Jesse Moreno, PE

These plans and / or specifications covering construction work on:
Verizon Wireless "PORTLAND JETPORT ME" RF equipment and transmission line
swap on existing mounts on rooftop penthouse.

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the **2009 International Building Code** and local amendments.



Signature: 
Title: Managing Partner
Firm: ProTerra Design Group, LLC
Address: 1 Short Street; Suite 3
Northampton, MA 01060
Phone: (413) 320-4918

For more information or to download this form and other permit applications visit the Inspections Division on our website at www.portlandmaine.gov