



# PORTLAND MAINE

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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, upon receipt of an e-mailed invoice from Building Inspections, which signifies that my electronic permit application and corresponding paperwork have been received, determined complete, entered by an administrative representative, and assigned a permit number, I then have the following four (4) payment options:

- to provide an on-line electronic check or credit/debit card (we now accept American Express, Discover, VISA, and MasterCard) payment (along with applicable fees beginning July 1, 2014),
- call the Inspections Office at (207) 874-8703 and speak to an administrative representative to provide a credit/debit card payment over the phone,
- hand-deliver a payment method to the Inspections Office, Room 315, Portland City Hall,
- or deliver a payment method through the U.S. Postal Service, at the following address:

City of Portland  
Inspections Division  
389 Congress Street, Room 315  
Portland, Maine 04101

Once my payment has been received, this then starts the review process of my permit. ***After all approvals have been met and completed, I will then be issued my permit via e-mail.*** No work shall be started until I have received my permit.

Applicant Signature:  Date: 4-7-15

I have provided digital copies and sent them on: 4-7-15 Date: 4-7-15

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

**Room 315 - 389 Congress Street- Portland, Maine 04101 (207) 874-8703 - Fax: 874-8716 - TTY: 874-8936**



# 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.

Address/Location of Construction: 186 Woodford St.		
Total Square Footage of Proposed Structure:		
Tax Assessor's Chart, Block & Lot Chart#      Block#      Lot#  124    J      5	Applicant Name: John McGilicuddy Address 49 Brattle St. City, State & Zip Arlington MA 02474	Telephone: 617-388-6324  Email:
Lessee/Owner Name: Verizon wireless (if different than applicant) Address: 400 Friberg Pkwy  City, State & Zip: Westboro MA  Telephone 617-780-5746  E-mail:	Contractor Name: John McGilicuddy (if different from Applicant) Address:  City, State & Zip: Same as above Kristin-781-454-9134 Telephone  E-mail:	Cost Of Work: \$ 45,000  C of O Fee: \$ _____  Historic Rev \$ _____  Total Fees : \$ 45,000
Current use (i.e. single family) Telecom site in Church steeple		
If vacant, what was the previous use? _____		
Proposed Specific use: no change		
Is property part of a subdivision? <u>N</u> If yes, please name _____		
Project description: Swap 6 of 6 existing antennas with new ones. Add 12 new coax and 2 hybrid fiber cables to be bundled with existing coax run. Add 3 Radio Heads and 1 junction box to be located at antenna level. Add equipment to be inside steeple.		
Who should we contact when the permit is ready: Kristin Champagne-781-454-9134		
Address: 49 Brattle st.		
City, State & Zip: Arlington MA 02474		
E-mail Address: kchampagne@structureconsulting.net		
Telephone: 781-454-9134		

Please submit all of the information outlined on the applicable checklist. Failure to do so causes an automatic permit denial.

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](http://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:	Date: 4-7-15
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This is not a permit; you may not commence ANY work until the permit is issued.





# Certificate of Design Application

From Designer: HUDSON DESIGN GROUP LLC  
 Date: April 6, 2015  
 Job Name: PORTLAND 2 ME (AWS)  
 Address of Construction: 202 Woodford St, Portland ME 04103

## 2009 International Building Code

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

Building Code & Year IBC 2009 Use Group Classification (s) U-UTILITY AND MISC.  
 Type of Construction 2B  
 Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2009 IRC n/a EXISTING  
 Is the Structure mixed use? n/a If yes, separated or non separated or non separated (section 302.3) n/a  
 Supervisory alarm System? n/a Geotechnical/Soils report required? (See Section 1802.2) n/a

### Structural Design Calculations

n/a Submitted for all structural members (106.1 - 106.11)

### Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.11, 1807)

Floor Area Use	Loads Shown

### Wind loads (1603.1.4, 1609)

  Design option utilized (1609.1.1, 1609.6)  
110 mph Basic wind speed (1809.3)  
II, 1.0 Building category and wind importance Factor,  $I_w$  (table 1604.5, 1609.5)  
C Wind exposure category (1609.4)  
  Internal pressure coefficient (ASCE 7)  
  Component and cladding pressures (1609.1.1, 1609.6.2.2)  
  Main force wind pressures (7603.1.1, 1609.6.2.1)

### Earth design data (1603.1.5, 1614-1623)

  Design option utilized (1614.1)  
  Seismic use group ("Category")  
  Spectral response coefficients,  $S_D$  &  $S_I$  (1615.1)  
  Site class (1615.1.5)

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

### Flood loads (1803.1.6, 1612)

  Flood Hazard area (1612.3)  
  Elevation of structure

### Other loads

  Concentrated loads (1607.4)  
  Partition loads (1607.5)  
  Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)



# Certificate of Design

**Date:** April 6, 2015

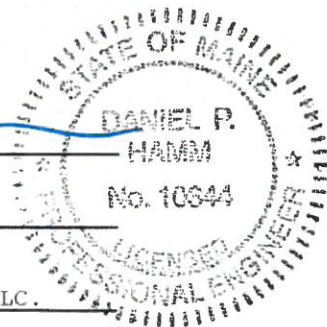
**From:** HUDSON DESIGN GROUP LLC

**These plans and / or specifications covering construction work on:**

Verizon Wireless AWS telecommunications site upgrade at  
202 Woodford St, Portland ME 04103

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:** Principal  
**Firm:** Hudson Design Group, LLC.  
**Address:** 1600 Osgood Lndg, Bldg 20N, Ste 3090  
North Andover, MA 01845  
**Phone:** (987) 557-5553  
**E-mail:** info@hudsondesigngroupllc.com



**For more information or to download this form and other permit applications visit the Inspections Division on our website at [www.portlandmaine.gov](http://www.portlandmaine.gov)**