



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

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: *John McCann* Date: 3-31-15

I have provided digital copies and sent them on: 3-31-15 Date: 3-31-15

NOTE: All electronic paperwork must be delivered to 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: 947 Westbrook St.		
Total Square Footage of Proposed Structure:		
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# 199 A 001 001	Applicant Name: John McGilicuddy Address 49 Brattle St. City, State & Zip Arlington MA 02474	617-388-6324 Telephone: Kchampagne@ Email: structureconsulting- net
Lessee/Owner Name: Verizon (if different than applicant) wireless Address: 400 Friberg Pkwy City, State & Zip: Westboro MA 01581 Telephone: 617-780-5746 E-mail:	Contractor Name: (if different from Applicant) Address: Same as applicant City, State & Zip: Telephone: E-mail:	Cost Of Work: \$ 58,000 C of O Fee: \$ _____ Historic Rev \$ _____ Total Fees : \$ 58,000
Current use (i.e. single family) Telecom Rooftop site		
If vacant, what was the previous use? N/A		
Proposed Specific use: no change		
Is property part of a subdivision? <input checked="" type="checkbox"/> If yes, please name _____		
Project description: Swap 9 of 12 existing antennas with new ones. Radio Head and Junction box changes within existing shelter/penthouse. Add 3 hybrid fiber cables to existing coax run.		
Who should we contact when the permit is ready: Kristin Champagne		
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, 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: 3-31-15
------------	---------------

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: MARCH 30, 2015
 Job Name: PORTLAND JETPORT ME (AWS)
 Address of Construction: 947 WESTBROOK ST, PORTLAND ME 04102

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: MARCH 30, 2015

From: HUDSON DESIGN GROUP LLC

These plans and / or specifications covering construction work on:

Verizon Wireless AWS telecommunications site upgrade at Portland Jetport, 1001
Westbrook Street, Portland ME

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: 

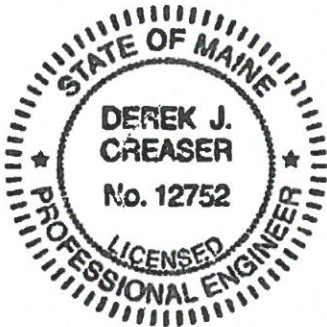
Title: Sr. Project Manager

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