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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: 3-23-15

I have provided digital copies and sent them on: 3-23-15 Date: 3-23-15

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



New Commercial Permit Application Checklist

All of the following information is required and must be submitted. Checking off each item as you prepare your application package will ensure your package is complete and will help to expedite the permitting process.

One (1) complete Set of construction drawings must include:

Note: Construction documents for costs in excess of \$50,000.00 must be prepared by a Design Professional and bear their seal .

- Cross sections w/framing details
- Floor plans and elevations
- Window and door schedules
- Foundation plans with rebar specifications and required drainage and damp proofing (if applicable)
- Detail egress requirements and fire separations
- Insulation R-factors of walls, ceilings, floors and U-factors of windows as per the IECC 2009
- Complete the Accessibility Certificate and The Certificate of Design
- A statement of special inspections as required per the IBC 2009
- Complete electrical and plumbing layout.
- Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment,
- Electronic files in PDF format are required.
- State Fire Marshall Permit maybe required.
- Per State Fire Marshall, all new bathrooms must be ADA compliant.

Separate permits are required for internal & external plumbing, HVAC and electrical installations.

1 copy of the minor (< 10,000 sf) or major (> 10,000 sf) site plan application is required that includes:

- A stamped boundary survey to scale showing north arrow, zoning district and setbacks to a scale of $\geq 1'' = 20'$ on paper $\geq 11'' \times 17''$
- The shape and dimension of the lot, footprint of the proposed structure and the distance from the actual property lines. Photocopies of the plat or hand draw footprints not to scale will not be accepted.
- Location and dimensions of parking areas and driveways, street spaces and building frontage
- Finish floor or sill elevation (based on mean sea level datum)
- Location and size of both existing utilities in the street and the proposed utilities serving the building
- Existing and proposed grade contours
- Silt fence (erosion control) locations

Fire Department requirements.

The following shall be submitted on a separate sheet:

- Name, address, e-mail and phone number of applicant **and** the project architect.
- Proposed use of structure (NFPA and IBC classification)
- Square footage of proposed structure (total and per story)
- Existing and proposed fire protection of structure.
- Separate plans shall be submitted for
 - a) Suppression system
 - b) Detection System (separate permit is required)
- A separate Life Safety Plan must include:
 - a) Fire resistance ratings of all means of egress
 - b) Travel distance from most remote point to exit discharge
 - c) Location of any required fire extinguishers
 - d) Location of emergency lighting
 - e) Location of exit signs
 - f) NFPA 101 code summary
- Elevators shall be sized to fit an 80" x 24" stretcher.

For questions on Fire Department requirements call the Fire Prevention Officer at (207) 874-8405.

Please submit all of the information outlined in this application checklist. If the application is incomplete, the application may be refused.

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.

Permit Fee: \$25.00 for the first \$1000.00 construction cost, \$11.00 per additional \$1000.00 cost

This is not a Permit; you may not commence any work until the Permit is issued.



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: <u>1 Monument Sq.</u>		
Total Square Footage of Proposed Structure: _____		
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>32 K012001</u>	Applicant Name: <u>John McGilicuddy</u> Address <u>49 Brattle St.</u> City, State & Zip <u>Arlington MA 02474</u>	Telephone: <u>617-388-6324</u> Email: _____
Lessee/Owner Name: <u>Verizon Wireless</u> (if different than applicant) Address: <u>400 Friberg Pkwy</u> City, State & Zip: <u>Westboro MA</u> Telephone <u>617-780-5746</u> E-mail: <u>Chuck webberly</u>	Contractor Name: (if different from Applicant) Address: <u>Same as above</u> City, State & Zip: <u>above</u> Telephone _____ E-mail: <u>Kchampagne@structureconsulting.net</u>	Cost Of Work: \$ <u>120,000</u> C of O Fee: \$ _____ Historic Rev \$ _____ Total Fees : \$ _____
Current use (i.e. single family) <u>Telecom Rooftop Site</u>		
If vacant, what was the previous use? _____		
Proposed Specific use: <u>no change</u>		
Is property part of a subdivision? <u>NO</u> If yes, please name _____		
Project description: <u>work needed to update/upgrade performance of site. Relocate 2 of 3 existing ballast mounts. Add 1 new Ballast mount - to hold 4 proposed antennas + 2 proposed Radio Heads. Swap 12 of 12 existing Antenna. Add 6 other Radio Heads (2 per existing sectors). Add 4 hybrid fiber cables to existing coax run</u>		
Who should we contact when the permit is ready: <u>Kristin Champagne</u>		
Address: <u>49 Brattle St.</u>		
City, State & Zip: <u>Arlington MA 02474</u>		
E-mail Address: <u>Kchampagne@structureconsulting.net</u>		
Telephone: <u>781-454-9134</u>		

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: <u>[Signature]</u>	Date: <u>3-23-15</u>
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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: 03-19-15
 Job Name: Monument Square ME
 Address of Construction: 1 Monument Square, Portland, ME 04101

2009 International Building Code

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

Building Code & Year IBC 2009 Use Group Classification (s) Group B (Business)

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)
B 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_x & S_D (1615.1)
 Site class (1615.5)

 Live load reduction
20 psf Roof live loads (1603.1.2, 1607.11)
31.5 psf Roof snow loads (1603.7.3, 1608)
50 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)



Accessibility Building Code Certificate

Designer: _____

Address of Project: _____

Nature of Project: _____

N/A Telecom Rooftop Site

The technical submissions covering the proposed construction work as described above have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act. Residential Buildings with 4 units or more must conform to the Federal Fair Housing Accessibility Standards. Please provide proof of compliance if applicable.

Signature: _____

Title: _____

(SEAL)

Firm: _____

Address: _____

Phone: _____

E-mail: _____

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



Certificate of Design

Date: 03-19-15

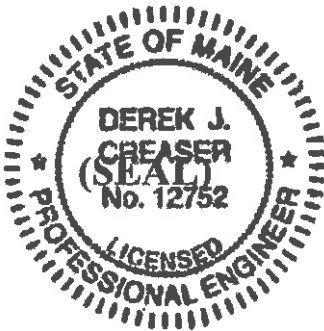
From: Hudson Design Group LLC

These plans and / or specifications covering construction work on:

Verizon Wireless telecommunication facility installation at an existing site.

Install new antennas and associated radio equipment
on new & existing ballast mounts on roof.

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: *D. J. Creaser*

Title: *Sr. Project Manager*

Firm: Hudson Design Group LLC

Address: 1600 Osgood St, Suite 3090
North Andover, MA 01845

Phone: (978) 557-5553

E-mail: info@hudsondesigngroupllc.com

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