



General Building Permit Application

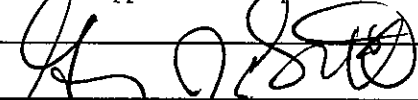
If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>124 CONGRESS STREET</u>		
Total Square Footage of Proposed Structure/Area <u>EXISTING BUILDING 11,976 SF 14,832</u>		Square Footage of Lot <u>15,987 SF</u>
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>016 6001 001</u>		Applicant * <u>must be owner, Lessee or Buyer</u> * Name <u>CITY OF PORTLAND</u> Address <u>389 CONGRESS ST</u> City, State & Zip <u>PORTLAND, ME 04101</u>
Lessee/DBA (If Applicable)		Telephone: <u>874-8400</u> <u>874-8486</u>
Owner (if different from Applicant) Name Address City, State & Zip		Cost Of Work: \$ <u>243,850.00</u> C of O Fee: \$ _____ Total Fee: \$ _____
Current legal use (i.e. single family) <u>FIRE STATION</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>MUNJOY HILL FIRE STATION MONOPOLE REPLACEMENT</u>		
Contractor's name: <u>SCOTT CONSTRUCTION CORP</u>		
Address: <u>108 BECAWAY RD</u>		
City, State & Zip: <u>FALMOUTH, ME 04105</u>		Telephone: <u>207-632-0521</u>
Who should we contact when the permit is ready: <u>GREG SCOTT</u>		Telephone: <u>SAME</u>
Mailing address: <u>SAME</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: 	Date: <u>5-3-12</u>
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This is not a permit; you may not commence ANY work until the permit is issue

Gayle Guertin - Re: 124 Congress Munjoy Hill Fire Station CBL 016-G001

From: Tammy Munson
To: Dobson, Lannie
Date: 5/2/2012 3:45 PM
Subject: Re: 124 Congress Munjoy Hill Fire Station CBL 016-G001
CC: Guertin, Gayle; Saucier, Brad

yes, the fee is waived.

>>> Lannie Dobson 5/2/2012 3:43 PM >>>
Yes, The owner is City of Portland

>>> Tammy Munson 5/2/2012 3:19 PM >>>
Does it show the owner as the City of Portland?

>>> Lannie Dobson 5/2/2012 2:32 PM >>>
Will the fee's be waived for the Munjoy Hill Fire Station? Thank you, Lannie Dobson

SCOTT

CONSTRUCTION CORPORATION

EXPERIENCE

108 ROCKAWAY ROAD, FALMOUTH, ME 04105

Phone: (207) 632-0521

INNOVATION

email: gscott207@gmail.com

INTEGRITY

Fire Department Requirements for the Munjoy Hill Fire Station Monopole Replacement

Applicant:

Scott Construction Corporation for
City of Portland
389 Congress St
Portland, ME 04101
Contact: Greg Scott 632-0521

Project Engineer:

Becker Structural Engineers
75 York Street
Portland, ME 04101
Contact: Bryson Welch 879-1838

1. No change in use of structure
2. No change in square footage, existing total 14,832 SF
3. No change or modifications in fire protection system
4. See plans for relocations of fire alarms and pull boxes (approximately 3 EA 1'-0" from existing location).
5. No changes to Life Safety Plan
6. No changes to elevators



Certificate of Design Application

From Designer:

BECKER STRUCTURAL ENGINEERS

Date:

5/3/12

Job Name:

PFD MUNJOY HILL FIRE STATION
MONO-POLE INSTALLATION, PORTLAND, ME, DATED 3/6/12

Address of Construction:

134 CONGRESS STREET

2009

2003 International Building Code

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

Building Code & Year 2009 Use Group Classification (s) N/A

Type of Construction COMMUNICATIONS POLE SUPPORT STRUCTURE OVER ROOF

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC N/A

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

COMPLETED 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
<u>N/A</u>	

Wind loads (1603.1.4, 1609)

<u>N/A</u>	Design option utilized (1609.1.1, 1609.6)
	Basic wind speed (1809.3)
	Building category and wind importance Factor, I_w table 1604.5, 1609.5)
	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)

<u>N/A</u>	Design option utilized (1614.1)
	Seismic use group ("Category")
	Spectral response coefficients, S_D s & S_{D1} (1615.1)
	Site class (1615.1.5)

NOTE:

DESIGN LOADS FOR THE MONO-POLE SUPPORT STRUCTURE WAS PROVIDED BY SABRE TOWER & PILES, PROPOSAL NUMBER: 12-6917-RAM DATED 2/24/12

<u>N/A</u>	Live load reduction
	Roof live loads (1603.1.2, 1607.11)
	Roof snow loads (1603.7.3, 1608)
	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_B (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)

<u>N/A</u>	Flood Hazard area (1612.3)
<u>N/A</u>	Elevation of structure

Other loads

<u>SEE BELOW</u>	Concentrated loads (1607.4)
<u>N/A</u>	Partition loads (1607.5)
<u>N/A</u>	Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)



Certificate of Design

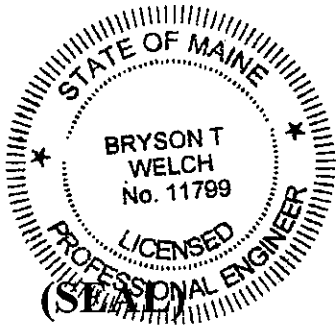
Date: 5/3/12

From: BRYSON T. WELCH
(BERKER STRUCTURAL ENGINEER)

These plans and / or specifications covering construction work on:

PFD MUNJOY HILL FIRESTATION MOND-ROE
INSTALLATION, PORTLAND, MAINE, DATED 03/19/12

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the 2003 International Building Code and local amendments 2009 FOR STRUCTURAL REQUIREMENTS.



Signature: [Handwritten Signature]

Title: STRUCTURAL ENGINEER

Firm: BERKER STRUCTURAL ENGINEER

Address: 75 YORK STREET

PORTLAND ME 04101

Phone: 207-879-1838

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