



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>Baxter Boulevard North Storage Conduit, Portland, ME</u>		
Total Square Footage of Proposed Structure/Area 100 square feet		Square Footage of Lot N/A
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# 165 A 101	Applicant * must be owner, Lessee or Buyer* Name City of Portland, Department of Public Services Address 55 Portland Street City, State & Zip Portland, ME 04102	Telephone: (207) 874-8846
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>60,000 +/-</u> C of O Fee: \$ <u>N/A</u> Total Fee: \$ <u>60,000 +/-</u>
Current legal use (i.e. single family) <u>Baxter Boulevard R.O.W / Payson Park</u> If vacant, what was the previous use? _____ Proposed Specific use: <u>CSO Control Station for Baxter Boulevard North Storage Conduit</u> Is property part of a subdivision? <u>No</u> If yes, please name _____ Project description: The Baxter Boulevard North Storage Conduit project requires a 10'x10' precast concrete control building to provide shelter and access to controls for hydraulic equipment for slide gates and SCADA equipment. The precast building will include a red brick veneer siding and a flat roof. Work will be completed on land owned by the City.		
Contractor's name: <u>Sargent Corporation</u> Address: <u>378 Bennoch Road</u> City, State & Zip <u>Stillwater, ME 04489</u> Telephone: _____ Who should we contact when the permit is ready: <u>Brad Roland - City of Portland (207) 874-8846</u> Telephone: _____ Mailing address: <u>55 Portland Street, Portland, ME 04102</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: Brad Roland Date: 2013-06-13

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



Certificate of Design Application

From Designer: American Concrete

Date: April 30, 2013

Job Name: Baxter Boulevard CSO

Address of Construction: Portland, ME

2009 International Building Code

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

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

Type of Construction Precast Concrete

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2009 IRC No

Is the Structure mixed use? No If yes, separated or non separated or non separated (section 302.3) _____

Supervisory alarm System? No Geotechnical/Soils report required? (See Section 1802.2) _____

Structural Design Calculations

Provided in Section 2 Submitted for all structural members (106.1 – 106.11)

N/A Live load reduction

N/A Roof *live* loads (1603.1.2, 1607.11)

Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.11, 1807)

Floor Area Use	Loads Shown
<u>Concrete</u>	<u>Slab on Grade</u>
_____	_____
_____	_____
_____	_____
_____	_____

45 lbs/sf with 1.7% safety 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_s

N/A Roof thermal factor, C_t (1608.4)

N/A Sloped roof snowload, P_s (1608.4)

Wind loads (1603.1.4, 1609)

40 lbs/sf with 1.7% safety Design option utilized (1609.1.1, 1609.6)

N/A Basic wind speed (1809.3)

N/A Building category and wind importance Factor, I_w , table 1604.5, 1609.5)

N/A 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)

N/A Main force wind pressures (7603.1.1, 1609.6.2.1)

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)

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)

Flood loads (1803.1.6, 1612)

N/A Flood Hazard area (1612.3)

N/A Elevation of structure

Other loads

N/A Concentrated loads (1607.4)

N/A Partition loads (1607.5)

N/A Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)



Accessibility Building Code Certificate

Not Applicable

Designer: _____

Address of Project: _____

Nature of Project: _____

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: _____

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

Not Applicable

Date: _____

From: _____

These plans and / or specifications covering construction work on:

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: _____

(SEAL)

Firm: _____

Address: _____

Phone: _____

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