

**CITY OF PORTLAND  
BLASTING APPLICATION**

Trench Blast or under 50 cubic yards of rock removed

1. Project: *New house foundation & utilities*
2. Project Location: *37 Ice Pond Dr Lot # 11 M414/1A/21*
3. Estimated Quantity (cubic yards in-ground measurement) of Rock to be Blasted: *45 +/-*
4. Number of Separate Blasts Planned: *10 +/-*
5. Pre-Blast Survey

(Blasting Contractor) will hire an independent firm to perform pre-blast surveys *(BEC Company)* on all structures within 250 feet of the blast area. The survey will include a video documentation of any pre-existing conditions on the inside and outside of each structure.

6. Notification to Neighbors *(See next page)*

At least 10 business days prior to the planned commencement of blasting notification of proposed blasting, conforming to the model notice (see attached), shall be published in a newspaper of local publication and shall be mailed by first class mail to all neighbors and property owners located within 250ft of the perimeter of the blasting site. The notification shall include a description of the proposed blasting, estimated schedule and length of time for proposed blasting, description of the blasting signals to be used during the operation, and lastly the addresses and telephone numbers for the blasting contractor, Fire Department and Planning Division where neighbors and property owners may request further information and notification.

7. Ground Vibration Limits for Residential Structures

Type of Structure	Maximum PPV (in/s)	
	Frequencies Below 40 HZ	Frequencies 40Hz or Greater
Modern Homes – Drywall Interiors	0.75	2.0
Older Homes – Plaster on Wood Lath for Interior Walls	0.50	2.0

8. Airblast Overpressure Limits

The peak airblast overpressure at any inhabited building not owned or controlled by the developer shall not be allowed to exceed 133 decibels (linear) when measured by an instrument with a high pass system and a lower frequency limit of 2 Hz.

9. Hours of Blasting and Storage of Explosives

Blasting operations shall be limited to between the hours of 9:00AM and 4:00 PM, Monday through Friday. Only the amount of explosives necessary for the day's work shall be brought to the site, and explosives shall be transported and stored in approved magazines when not in use. No storage of explosives on the site shall be permitted.

10. Document Results of Blasting

When the blasting has been completed, the Blasting Contractor shall submit documentation of the results of blasting, including the highest measured peak particle velocity (in/sec), the lowest measured frequency (Hz), and the highest measured airblast overpressure (dB). A calculation of actual removed rock quantity (cubic yards) is also required.

11. Utilization of International Blast Warning

3 horns	5 minutes to blast
2 horns	1 minute to blast
1 horn	All Clear

Signed,

*Seward A. McDermick*

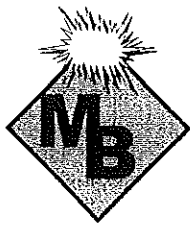
(Blasting Contractor)

*Tara A. McDermick*

Abutters: Richmond Properties LLC 26 (30 mail) Ledgewood  
Salem, ME 04105

Icehouse Properties, LLC 30 Ledgewood Dr #10  
Timothy O'Donovan Fall, ME 04105

17 Ice Pond Dr Vista Corp  
PO Box 14601  
Portland, ME 04104



# McGoldrick Bros.

**BLASTING SERVICES, INC.**

Date: March 25, 2015

Dear Neighbor:

We are sending you this letter to inform you that we will be blasting ledge in preparation for a new house foundation and utilities at 37 Ice Pond Drive, Portland, ME.

As required by City Ordinance, prior to any blasting, neighbors within (250) feet of the blast area shall be notified in writing prior to the blast.

We will begin blasting on or after the week of April 9, 2015. We expect the blasting to last for approximately 3 days. By City Ordinance, blasting will occur between 9:00 am – 4:00 pm, Monday through Friday.

The procedure for the blast will be as follows: Just before the blasting is due to begin a horn will sound to signal people in the immediate area of the upcoming blast. The horn will blow in the following sequence:

- 3 long horns- 5 minutes before the blast
- 2 long horns- 1 minute before the blast
- 1 long horn- All clear for the blast to proceed.

**Please note:** Toxic gases, including carbon monoxide (CO), are a byproduct of the detonation of explosives. Carbon monoxide is a poisonous, colorless, odorless, and tasteless gas. Exposure to raised levels of carbon monoxide can be hazardous or deadly. It is possible, in instances of incomplete combustion of explosives and where an open pathway is present, for carbon monoxide to travel from the blast site into nearby buildings. The Portland Fire Department encourages all Portland residents to install carbon monoxide detectors in their homes and workplaces to prevent exposure to hazardous levels of carbon monoxide. Carbon monoxide detectors should be installed in the basement or on the first floor of structures.

If you have any questions, please call any of the following numbers:

McGoldrick Brothers Blasting Services:	207-892-5989
City of Portland Fire Prevention Bureau:	207-874-8405
City of Portland Development Review Coordinator:	207-874-8632
City of Portland Inspections Division:	207-874-8703

For damage complaints, please call the Fire Prevention Bureau at (207) 874-8405 to log the complaint and request inspection and documentation of the damage.

Please do not hesitate to call if you have any questions or concerns.

Sincerely,

McGoldrick Brothers Blasting Services, Inc.

Date: March 25, 2015

Dear Neighbor:

We are sending you this letter to inform you that we will be blasting ledge in preparation for a new house foundation and utilities at 37 Ice Pond Drive in Portland.

As required by City of Portland's Ordinance, prior to any blasting, a pre-blast survey of all structures within (250) feet of the blast area shall be conducted to establish a base line against which any claims of damage caused by this blasting can be judged.

Your property is within the (250) foot radius. A pre-blast survey will be performed at no cost to you if you would like to have it done.

Pre-blast condition surveys for this project will be performed by **BECC Company**. Please call them at **207-846-9268** A seismologist or a qualified technician working under the direction of a seismologist from **BECC Company** will then make a videotape of the interior and exterior condition of your residence. The pre-blast survey records will be kept in a locked file for a period of 6 years after the completion of blasting at which time they will be destroyed.

If you have any questions, please contact Tara McGoldrick at 207-892-5989.

Thank you.

Tara McGoldrick  
Office Manager  
McGoldrick Brothers Blasting Services, Inc.

Portland, Maine



Yes. Life's good here.

Jerome F. LaMoria  
Fire Chief, Fire Department

## BLASTING PERMIT

Drilling and Blasting Rock Specialists, Inc.  
PO Box 65  
Gardiner, ME 04345  
207-582-1391

April 3, 2015

Blasting Location:  
37 Ice Pond Dr.  
Portland ME. 04103

Blasting: Less than 300 cubic yards.

This permit is granted subject to the strict observance of all laws, ordinances, and regulations enacted for the protection of the City of Portland so far as they may apply unless sooner revoked.

Notification of Fire Alarm is required prior to blasting each day.  
874-8576

Approved and issued by: \_\_\_\_\_