

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND

# BUILDING PERMIT

This is to certify that LAURIE S LATHAM

Located At 118 COLONIAL RD

Job ID: 2012-04-3833-ALTR

CBL: 192- K-073-001

has permission to replace sections of existing foundation only (Single Family Residence).

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

05/25/2012

\_\_\_\_\_  
**Fire Prevention Officer**

\_\_\_\_\_  
**Code Enforcement Officer / Plan Reviewer**

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY  
PENALTY FOR REMOVING THIS CARD

## BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

or email: [buildinginspections@portlandmaine.gov](mailto:buildinginspections@portlandmaine.gov)

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**
  1. Footings/Setbacks prior to pouring concrete
  2. Foundation wall prior to backfill
  3. Close In Elec/Plmb/Frame prior to insulate or gyp
  4. Final Inspection

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



# PORTLAND MAINE

*Strengthening a Remarkable City, Building a Community for Life* • [www.portlandmaine.gov](http://www.portlandmaine.gov)

Acting Director of Planning and Urban Development  
Gregory Mitchell

Job ID: 2012-04-3833-ALTR

Located At: 118 COLONIAL RD

CBL: 192- K-073-001

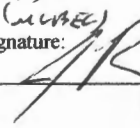
## **Conditions of Approval:**

### **Building**

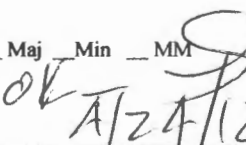
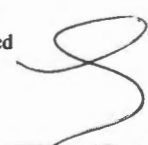
1. Separate permits are required for any electrical: plumbing, sprinkler, fire alarm, HVAC systems, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.
2. Frost protection must be installed per the enclosed detail as discussed w/owner/contractor (at least 4' from grade).
3. R401.2 Requirements. Foundation construction shall be capable of accommodating all loads according to Section R301 and of transmitting the resulting loads to the supporting soil. Fill soils that support footings and foundations shall be designed, installed and tested in accordance with accepted engineering practice. Gravel fill used as footings for wood and precast concrete foundations shall comply with Section R403.
4. Foundation Drainage: Fabric, Damp proofing shall comply with Section R405 & R406, see attachment.
5. As discussed with the Contractor- Ventilation/Access shall comply with Section R408.1 & R408.3 for the crawl space.
6. Note: Installation shall comply with the manufacturer's specifications. Required exits, existing structural elements, fire protection devices and sanitary safeguards shall be maintained at all times during remodeling, alterations, repairs or additions to any building or structure.

**City of Portland, Maine - Building or Use Permit Application**

389 Congress Street, 04101 Tel: (207) 874-8703, FAX: (207) 8716

Job No: 2012-04-3833-ALTR	Date Applied: 4/24/2012	CBL: 192- K-073-001	
Location of Construction: 118 COLONIAL RD	Owner Name: LAURIE S LATHAM	Owner Address: 118 COLONIAL RD PORTLAND, ME 04102	Phone: 318-2496
Business Name:	Contractor Name: JS Jollotta Construction	Contractor Address: 18 RIDGEWOOD TER LIMERICK MAINE 04048	Phone: (207) 653-4200
Lessee/Buyer's Name:	Phone:	Permit Type: BLDG - ALT	Zone: R-3
Past Use: <b>Single Family Dwelling</b>	Proposed Use: <b>Same- Single Family Dwelling - to replace older section of foundation w/ICF Foundation no increase in size</b>	Cost of Work: \$24,000.00	CEO District:
		Fire Dept: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: R3 Type: SB IAC, 2005 (MURPHY) Signature: 
Proposed Project Description: Improvements to the foundation		Pedestrian Activities District (P.A.D.)	

Permit Taken By: Brad	<b>Zoning Approval</b>
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<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building Permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.</p>	<p><b>Special Zone or Reviews</b></p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetlands</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p><input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM</p> <p>Date:  4/24/12</p>	<p><b>Zoning Appeal</b></p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>	<p><b>Historic Preservation</b></p> <p><input checked="" type="checkbox"/> Not in Dist or Landmark</p> <p><input type="checkbox"/> Does not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied </p> <p>Date:</p>
	<b>CERTIFICATION</b>		

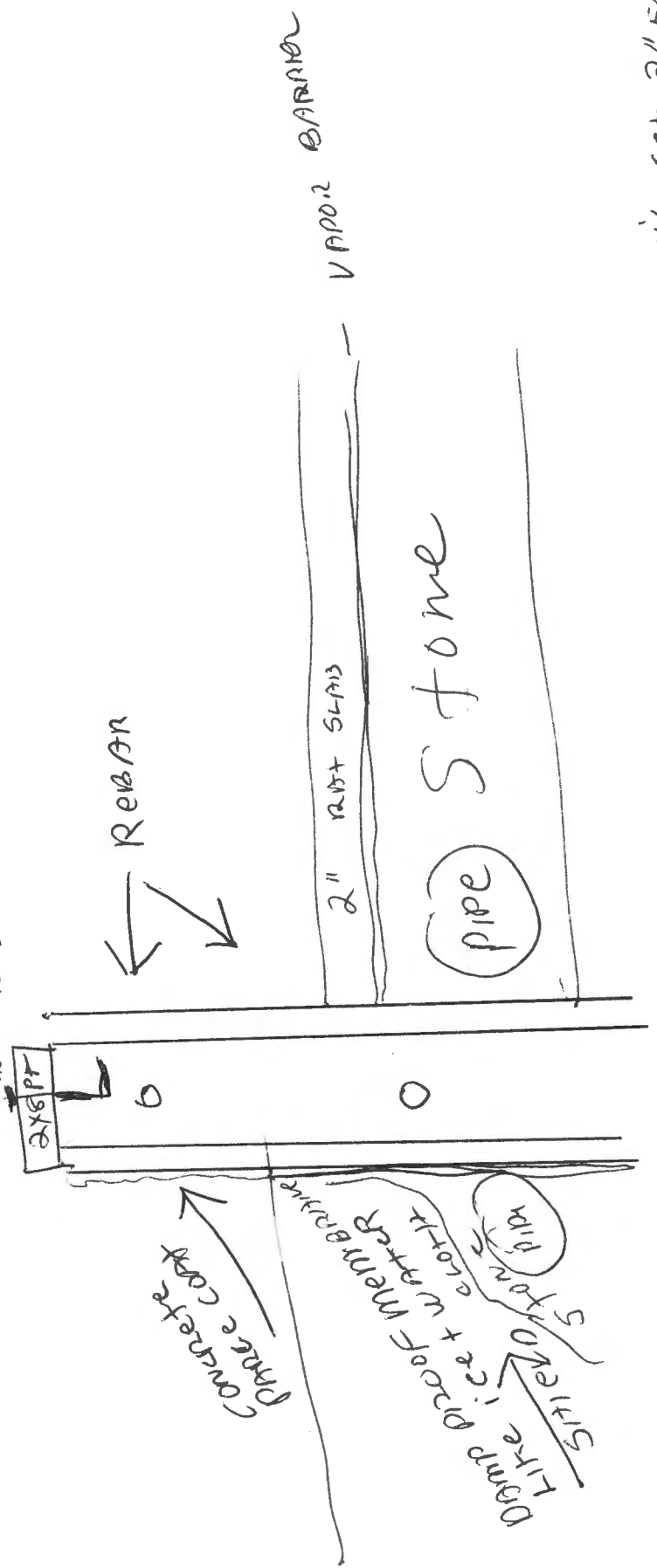
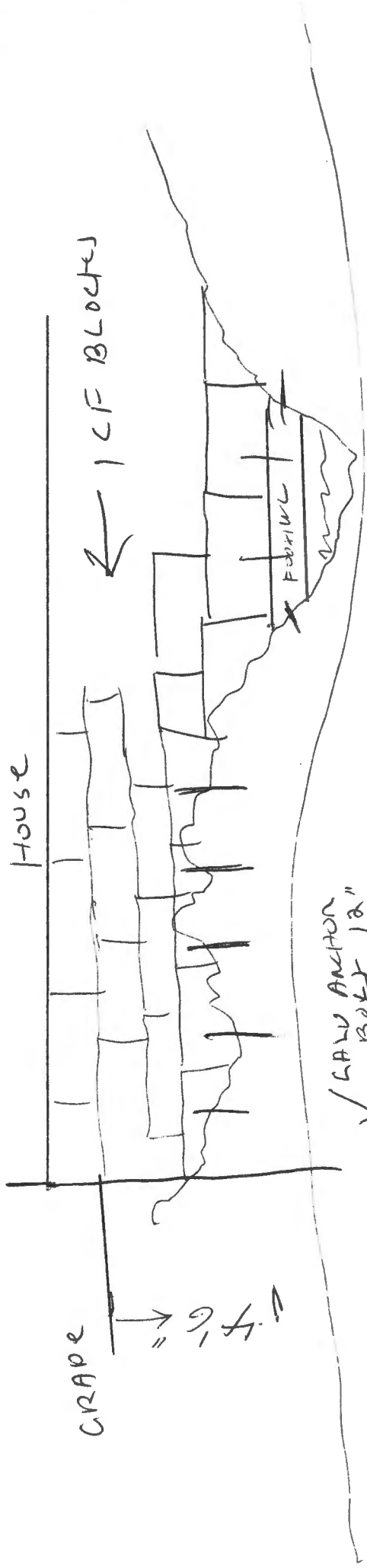
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
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RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE	DATE	PHONE
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LAURE LATHAM  
118 COLONIAL RD

P. 2.

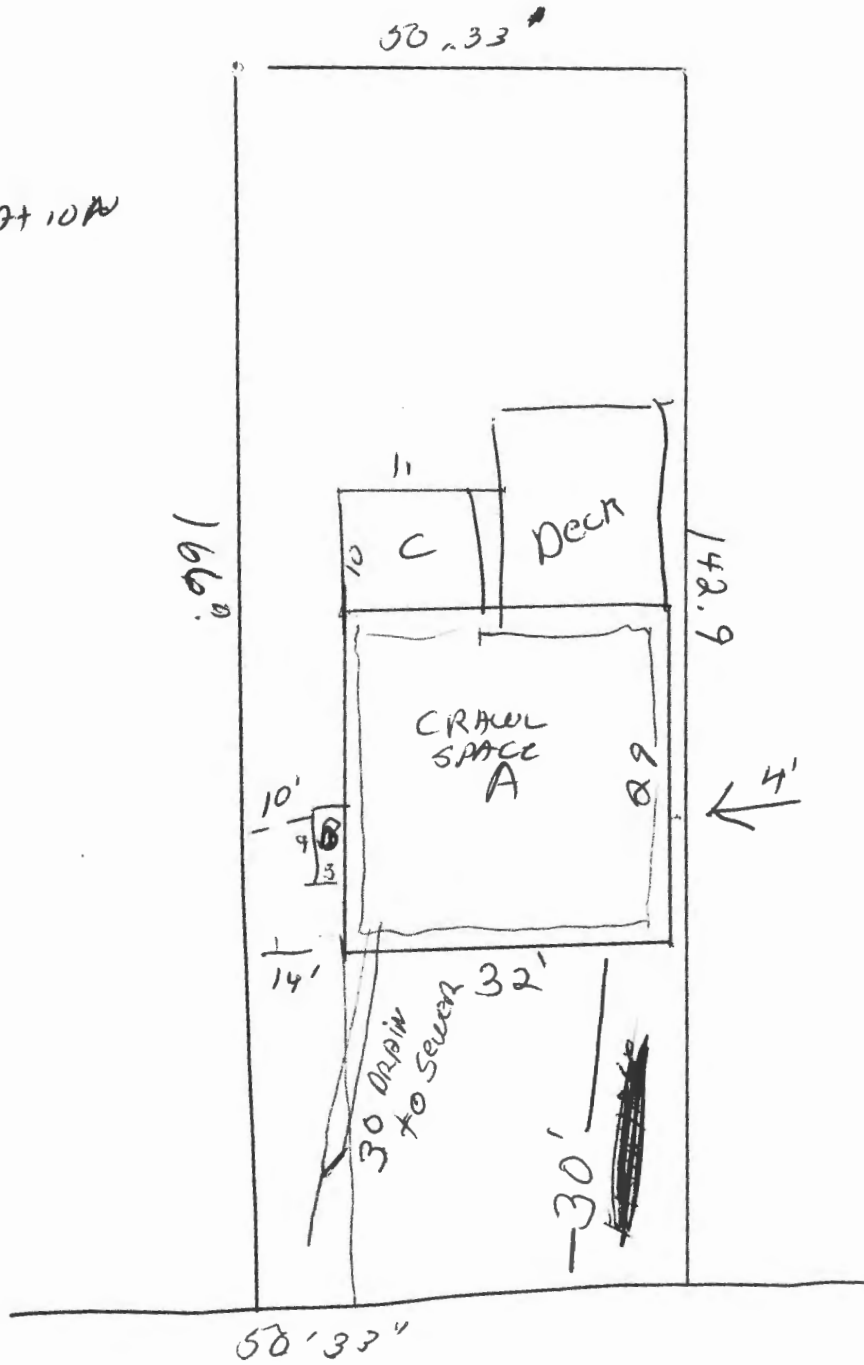


SILLS will get 2" FOAM R10  
+ 2" SIPRA-FOAM R14

LOGIX ICE ACCREATED R VALUC 45

Damp PROOF MEMBRANE  
 Like ice + water  
 SINKING  
 STONING  
 PLAN

NEW FOUNDATION  
SECTION  
A + B



Entire 4/24/12

85

# General Building Permit Application

A 2012-04-3833-ALR

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.

R-3



Location/Address of Construction: <u>118 COLONIAL RD PORTLAND</u>		
Total Square Footage of Proposed Structure/Area <u>965</u>	Square Footage of Lot <u>7936 SF</u>	Number of Stories <u>2</u>
Tax Assessor's Chart, Block & Lot Chart# <u>192</u> Block# <u>K</u> Lot# <u>73</u>	Applicant: (must be owner, lessee or buyer) Name <u>LAURIE LINDHAM</u> Address <u>118 COLONIAL RD</u> City, State & Zip <u>PORTLAND ME 04102</u>	Telephone: <u>318-2496</u> <u>230</u> <u>24,000</u>
Lessee/DBA <b>RECEIVED APR 24 2012 Dept. of Building Inspections City of Portland Maine</b>	Owner: (if different from applicant) Name _____ Address _____ City, State & Zip _____	Cost of Work: \$ <u>23,500.00</u> C of O Fee: \$ _____ Historic Review: \$ _____ Planning Amin.: \$ <u>200.00</u> Total Fee: \$ _____
Current legal use (i.e. single family) <u>SINGLE FAMILY</u> Number of Residential Units <u>1</u> If vacant, what was the previous use? _____ Proposed Specific use: <u>same</u> Is property part of a subdivision? <u>NO</u> If yes, please name _____ Project description: <u>REPLACE OLDER SECTION OF FOUNDATION W/ ICF FOUNDATION</u> <u>IMPROVE DRAINAGE IN GARAGE SPACE</u>		
Contractor's name: <u>JS JOLLOTTA CONSTRUCTION</u> Email: _____ Address: <u>18 RIDGEWOOD TERRACE</u> City, State & Zip <u>LIMERICK ME 04048</u> Telephone: _____ Who should we contact when the permit is ready: <u>Joe Jolotta</u> Telephone: <u>6534200</u> Mailing address: <u>18 RIDGEWOOD TERRACE</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.

\* Call he'll pickup

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](http://www.portlandmaine.gov), or stop by the Inspection's 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: Laurie Lindham Date: 4-19-12

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



# PORTLAND MAINE

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## Receipts Details:

**Tender Information:** Check , Check Number: 931041

**Tender Amount:** 260.00

## Receipt Header:

**Cashier Id:** bsaucier

**Receipt Date:** 4/24/2012

**Receipt Number:** 43171

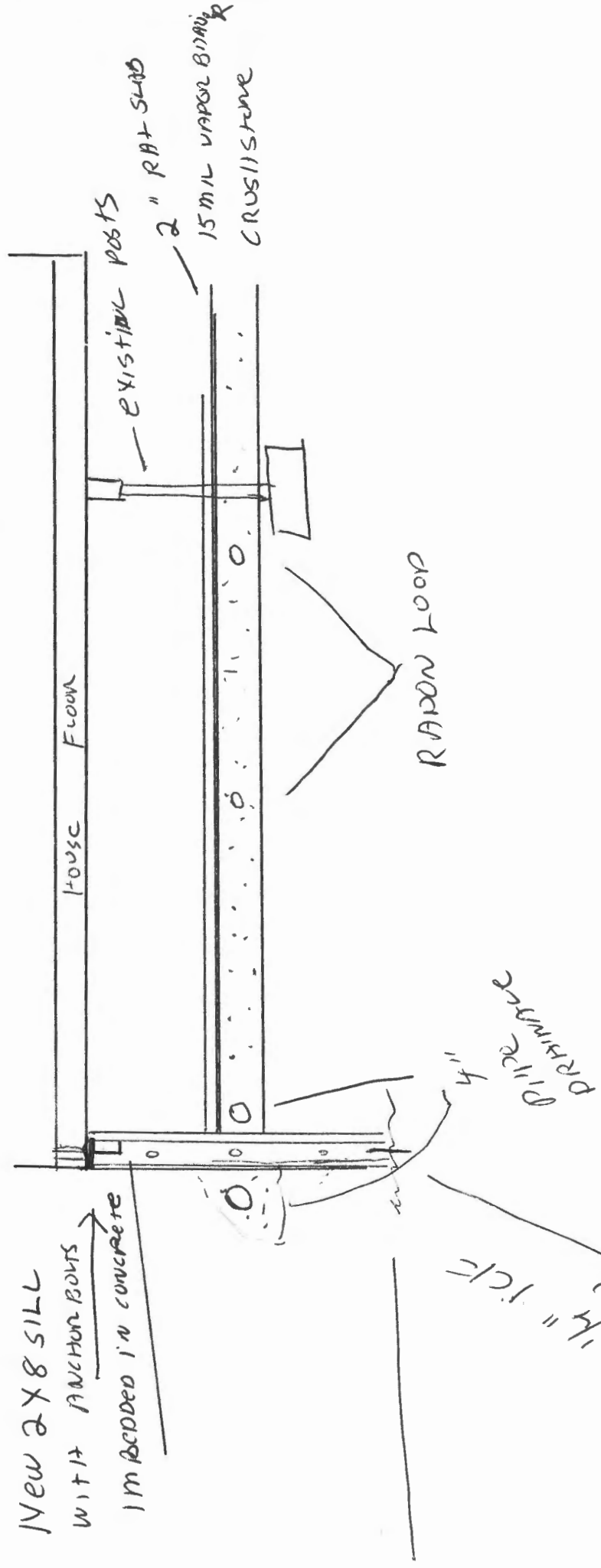
## Receipt Details:

Referance ID:	6228	Fee Type:	BP-Constr
Receipt Number:	0	Payment Date:	
Transaction Amount:	260.00	Charge Amount:	260.00
Job ID: Job ID: 2012-04-3833-ALTR - Improvements to the foundation			
Additional Comments: 118 Colonial			

**Thank You for your Payment!**



ALL WORK IS UNDER EXISTING BUILDING  
EXCEPT STORM DRAIN HEIGHT IS IN DRIVEWAY



~~IN AREAS~~ IN AREAS WHERE LEDGE IS  
PRESENT icfs WILL BE CUT TO THE  
CONTOUR OF THE LEDGE AND LEDGE WILL  
BE PINNED, WHERE THE LEDGE IS  
NOT PRESENT BELOW 4'6" A 8" x 20"  
FOOTING WILL BE INSTALLED, AND PINNED  
TO ENDS WHERE IT MEETS LEDGE

New 2x8 sill

with ANCHOR BOLTS

1M BEDDED IN CONCRETE

HOUSE FLOOR

EXISTING POSTS

2" RAFT SLAB

15 MIL VAPOR BARRIER

CRUSHSTONE

RADON LOOP

PIPE  
PRIMING

FOUNDTION  
6 1/2" icf  
w/ REBAR

# Beaver Plastics

# INSULWORKS®

## HYDRONIC HEATING INSULATION

### PRODUCT DESCRIPTION

INSULWORKS™ is a unique insulation panel designed especially for hydronic heating applications. Its primary functions are to conserve energy and reduce cost and labor. INSULWORKS provides an efficient thermal barrier between the heated slab and the underlying ground. Also, in preventing the ground from becoming a linked 'thermal flywheel' to the slab, INSULWORKS permits fast and accurate room temperature response to temperature controllers. The use of INSULWORKS may also reduce the size and cost of system hardware.

Using INSULWORKS will reduce project costs and speed installation because the usual method for positioning tube by tying it down to wire mesh has been replaced. The tube is simply 'stepped' into the Insulworks panels, saving a great deal of backbreaking labor. The cost to purchase and install wire mesh may also be eliminated.

INSULWORKS is manufactured in a 4' x 4' (1220 mm<sup>2</sup>) panel in several thicknesses for both 1/2" and 3/4" I.D. tubing, and R-Values ranging from R-6 to R-12, and over.

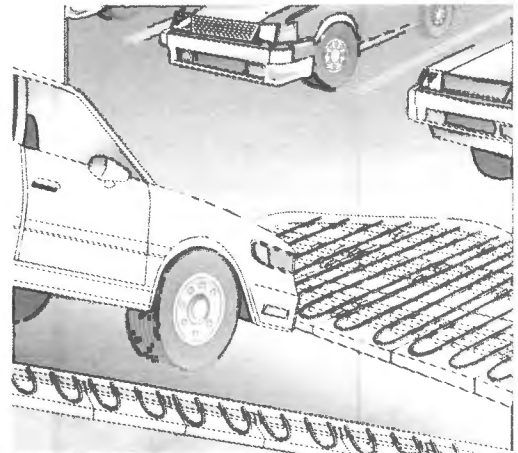
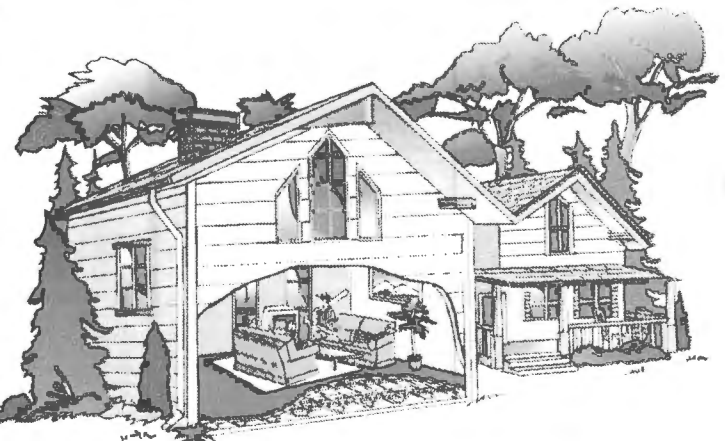
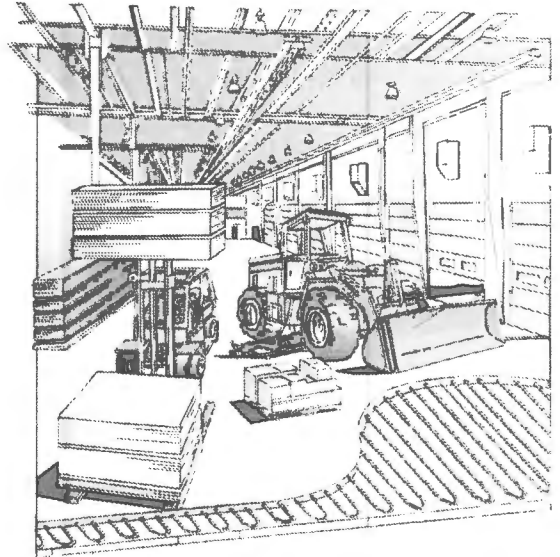
INSULWORKS is produced from Type 2 expanded polystyrene (EPS), a high density, closed cell foam insulation. It is appropriate for use on and under ground, and under concrete structures. It will never rot, support mold or mildew, and has no pest nutrient value. Since EPS contains ordinary air, insulation values will not break down due to the escape of CFC or HCFC insulating blowing agents. EPS is relatively permeable, and will breathe moisture vapor. At a minimum compressive strength of 16 psi (110kPa.), INSULWORKS will support the weight of 16 vertical feet (4.8 meters) of concrete, or equivalent.

### APPLICATIONS

INSULWORKS can be used under slab-on-grade, in sandwich slab application, snow melt systems and other applications under concrete where radiant panel heating is required. INSULWORKS has been designed to support the weight of cast-in-place concrete, construction activity and working loads, machinery and heavy vehicle loading where the concrete slab has been designed for such purposes.

### SPECIFICATIONS AND COMPLIANCIES

Beaver Plastics is registered by the International Standards Organization under the ISO 9002 Quality Assurance Program, a set of standards and criteria that is internationally recognized as an assurance of product quality and consistency. Insulworks is manufactured to meet the intent of ASTM C578-95 Type 2 and CAN/ULC S701-97 Type 2. Beaver Plastics' products are certified under the Warnock Hersey Third Party Certification Program.

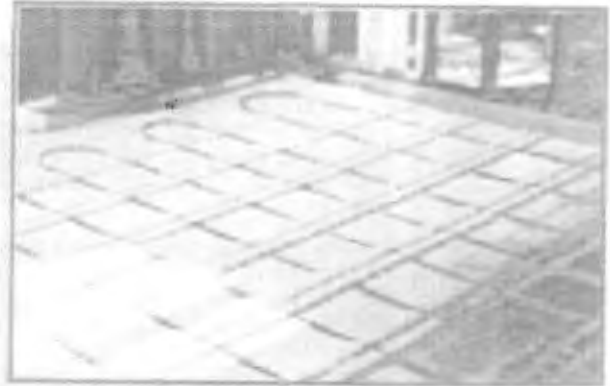


INSULWORKS PERFORMANCE CHART					
PHYSICAL PROPERTY	UNITS IMPERIAL R VALUE	UNITS SI (METRICS)	ASTM TEST PROCEDURE	VALUES	
				IMPERIAL	METRIC
Thermal Resistance (min) (R-Value) at 75°F/24°C	hr-ft <sup>2</sup> / F BTU · 1 in.	hm <sup>2</sup> / °C W · 25 mm	C-177-76 or C-518-76	4.00	0.70
Coefficient of Thermal expansion (max)	in / in · °F	m / m · °C	D-696-79	3.5 x 10 <sup>-5</sup>	6 x 10 <sup>-5</sup>
Compressive strength (min) at 10% deformation	psi	k.PA	D-1621-71	16	110
Capillary Action	-----	-----	-----	none	none
Water vapor permeance (max)	perm · in	ng / Pa · s · m	E96-80	1.5	200
Water absorption % (max)	%		D 2842-69	3.0	3.0

TYPICAL INSTALLATIONS



*Insulworks  
The Greatest Thing  
To Do For Hydronic Heating  
Since 1980!*



HEALTH AND THE ENVIRONMENT

Insulworks products are made with a high density polyethylene (HDPE) core. This core is made of 100% recycled plastic bottles and is completely inert. The surface is made of a non-toxic, non-flammable material.

FLAMMABILITY CHARACTERISTICS

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SIZES/ORDER CODES/PACKAGING

INSULATION	ORDER CODE	ORDER CODE	PCS	SG FT	WT V
THICKNESS	FOR 1/2" (1/4")	FOR 3/4" (1/2")	PCS	/PACK	/TRAILER
	ABS (1/2")	N/A		200	

**Advanced  
Building  
Solutions**

**207-831-7174  
ABSMaine.com**

Distributor of Energy Efficient, Labor Saving  
and Cost Effective Building Materials & Accessories

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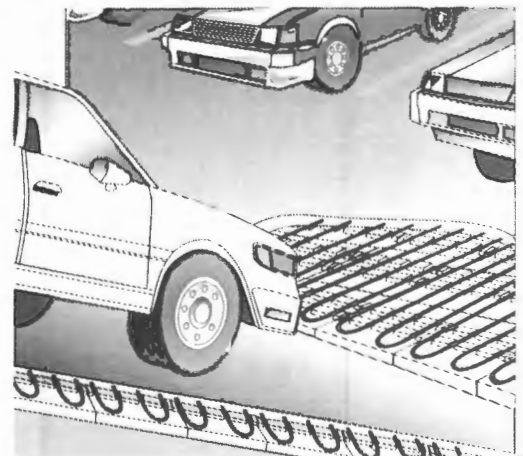
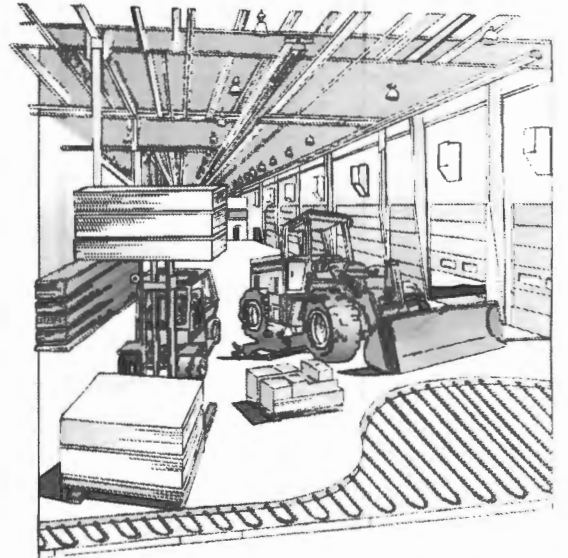
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Coefficient of Thermal expansion (max)	in / in / °F	m / m·°C	D-696-79	3.5 x 10 <sup>-5</sup>	6 x 10 <sup>-5</sup> c <sup>-1</sup>
Compressive strength (min) at 10% deformation	psi	kPa	D-1621-73	16	110
Capillary Action	-----	-----	-----	none	none
Water vapor permeance (max)	perm - in	ng / Pa.s.m. <sup>2</sup>	E96-80	3.5	200
Water absorption % (max)	%	%	D 2842-69	3.0	3.0

**TYPICAL INSTALLATIONS**



*Insulworks  
The Greatest Thing  
To Put Hydronic Flooring  
Since Water!*



**HEALTH AND THE ENVIRONMENT**

Insulworks flooring is made from plastic granules (polypropylene) that contains absolutely no CFCs, HCFCs, or other refrigerant gases. It is also free of formaldehyde (D 291 is zero), is non-toxic and hypo-allergenic, and will not irritate sensitive skin.

**FLAMMABILITY CHARACTERISTICS**

Insulworks flooring is a Class 1 fire-retardant material. It will not ignite from a small fire source. This addition, however, will not prevent the material from being exposed to a large continuous fire source or intense heat. Observe normal fire precautions and follow storage methods during product storage and application.

**SIZES/ORDER CODES/PACKAGING**

LENGTH	INSULATION	ORDER CODE	ORDER CODE	PIECES	SQ. FT.	SQ. M.
	THICKNESS	FOR 1/2" ID TUBE	FOR 3/4" ID TUBE	/PACK	/PACK	/PALLET
48"	1/2"	ABS 0901-	N/A	15	240	

Insulworks flooring is a Class 1 fire-retardant material. It will not ignite from a small fire source. This addition, however, will not prevent the material from being exposed to a large continuous fire source or intense heat. Observe normal fire precautions and follow storage methods during product storage and application.

**Advanced Building Solutions**

**207-831-7174**  
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