

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

BU **PERMIT** ION

Permit Number: 091152

Please Read
Application And
Notes, if Any,
Attached

This is to certify that CHUM PROS & PHY KIM ITS Property Owner **PERMIT ISSUED**

has permission to install a Jotul Stove in the corner of living room

AT 113 DOROTHY ST CB 297 B001001 **OCT 26 2009**

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

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is lathed or otherwise re-finished. 24 HOUR NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. _____

Health Dept. _____

Appeal Board _____

Other _____

Department Name

Thomas M. Markley 10/26/09
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 09-1152	Issue Date:	CBL: 297 B001001
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Location of Construction: 113 DOROTHY ST	Owner Name: CHUM PROS & PHY KIM JTS	Owner Address: 113 DOROTHY ST	Phone:
Business Name:	Contractor Name: Property Owner	Contractor Address: Portland	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-3

Past Use: Single Family Home	Proposed Use: Single Family Home - install a Jotul Stove in the corner of living room	Permit Fee: \$40.00	Cost of Work: \$1,350.00	CEO District: 5	9952#
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R3 Type: SB HVAC IRC 2003		

Proposed Project Description:
install a Jotul Stove in the corner of living room

Signature: _____ Signature: *Jm 10/26/09*

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: Ldobson	Date Applied For: 10/21/2009	Zoning Approval
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- This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
- Building permits do not include plumbing, septic or electrical work.
- Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input checked="" type="checkbox"/>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied	Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied
Date: <i>ok 10/21/09</i>	Date: _____	Date: <i>S</i>

PERMIT ISSUED

OCT 26 2009

City of Portland

CERTIFICATION

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
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

BUILDING PERMIT INSPECTION PROCEDURES

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

to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

A Pre-construction Meeting will take place upon receipt of your building permit.

 X **Final inspection required at completion of work.**

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

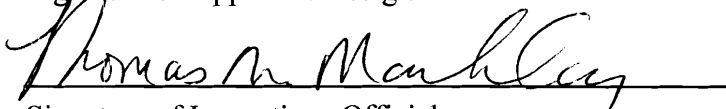
CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.



Signature of Applicant/Designee

10/26/09

Date



Signature of Inspections Official

10/26/09

Date

PERMIT ISSUED

OCT 26 2009

City of Portland



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>113 Dorothy St Portland, Maine. 04103</u>		
Total Square Footage of Proposed Structure/Area	Square Footage of Lot	Number of Stories
Tax Assessor's Chart, Block & Lot Chart# <u>297</u> Block# <u>B</u> Lot# <u>1</u>	Applicant * must be owner, Lessee or Buyer * Name <u>Pros Chum</u> Address <u>113 Dorothy St.</u> City, State & Zip <u>Portland ME 04103</u>	Telephone: <u>(207) 409-4129</u>
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>1,350</u> C of O Fee: \$ _____ Total Fee: \$ <u>40</u>
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: _____ Is property part of a subdivision? _____ If yes, please name _____ Project description: <u>I install Jotul stove in the corner of my living room.</u>		
Contractor's name: <u>PROS CHUM</u> Address: <u>113 Dorothy St.</u> City, State & Zip <u>Portland, Maine 04103</u> Telephone: <u>(207) 409-4129</u> Who should we contact when the permit is ready: <u>Pros Chum</u> Telephone: <u>(207) 409-4129</u> Mailing address: _____		

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.

RECEIVED
OCT 19 2009
Dept. of Building and Inspections
City of Portland, Maine

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 representatives will 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: [Signature] Date: 10/19/09

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

City of Portland, Maine - Building or Use Permit

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

Permit No: 09-1152	Date Applied For: 10/19/2009	CBL: 297 B001001
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Location of Construction: 113 DOROTHY ST	Owner Name: CHUM PROS & PHY KIM JTS	Owner Address: 113 DOROTHY ST	Phone:
Business Name:	Contractor Name: Property Owner	Contractor Address: Portland	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Single Family Home - install a Jotul Stove in the corner of living room	Proposed Project Description: install a Jotul Stove in the corner of living room
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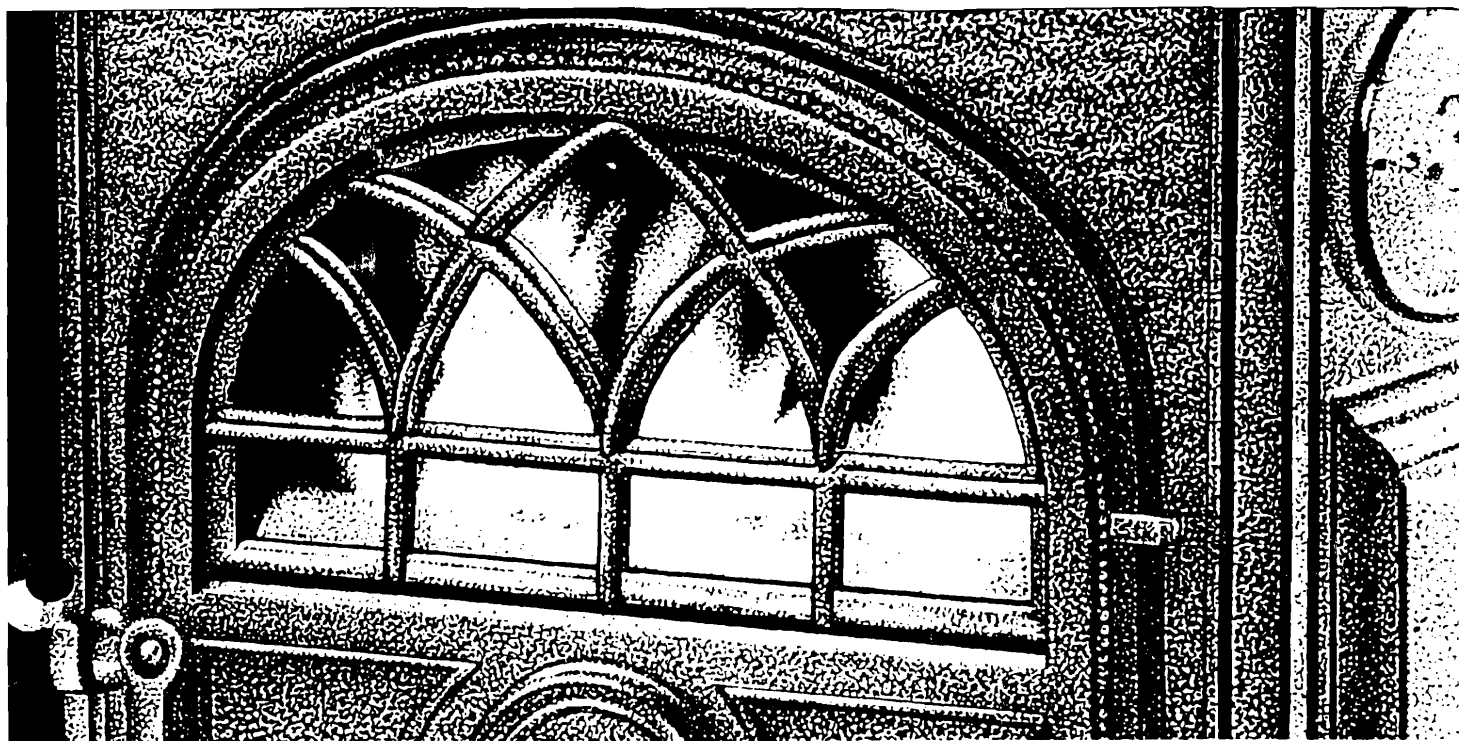
Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 10/21/2009**Note:** **Ok to Issue:**

- 1) This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. Without special approvals.
- 2) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
- 3) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.

Dept: Building **Status:** Approved with Conditions **Reviewer:** Tom Markley **Approval Date:** 10/26/2009**Note:** **Ok to Issue:**

- 1) The appliance and venting shall be installed in accordance with the UL listing, IMC 2003 and NFPA 211.
- 2) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules
- 3) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.

JOTUL



MODEL 3TDIC-2 INSTALLATION & OPERATING INSTRUCTIONS

SAFETY NOTICE:

IF THIS FIREPLACE STOVE IS NOT PROPERLY INSTALLED, A HOUSE FIRE MAY RESULT.
FOR YOUR SAFETY, FOLLOW THE INSTALLATION DIRECTIONS. CONTACT LOCAL
BUILDING OR FIRE OFFICIALS ABOUT RESTRICTIONS AND INSTALLATION INSPECTION
REQUIREMENTS IN YOUR AREA.

Tested & Listed by: OMNI™, Beaverton, Oregon
Tested to, UL1482. Test date April 11, 1990. I.C.B.O.Q.C. No. AA-609



Jotul USA, Inc., P.O.Box 1157, Portland, ME 04104

Corner Installations

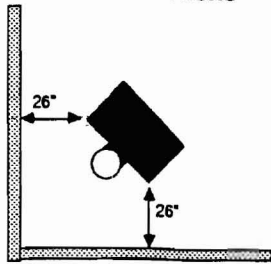


Figure 14A. Clearances to unprotected combustible walls.

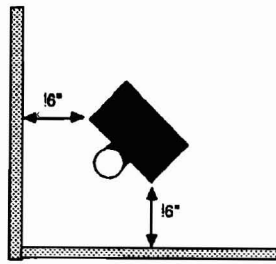


Figure 14B. Clearances to unprotected walls when using Jøtul heat shield, part 950076, and Type E double wall air insulated chimney connector.

Installation Accessories

Several manufacturers have developed installation accessories for wood and coal stoves. These accessories are generally intended to reduce the required clearances we have established during testing. If you choose to use any of these accessories, make sure they have been tested by an independent laboratory and carry that laboratory's testing mark. Make sure that the manufacturer's directions are followed.

The National Fire Protection Agency (N. F. P. A.) also publishes guidelines in their code, N.F.P. A. 211, for the construction of clearance reduction systems if you care to make your own floor and wall protectors. Your dealer should be able to explain N.F.P.A. 211 to you.

4. Assembling the stove

In order to prevent shipping damage, several parts of your stove have been removed and packed separately. These parts are:

- 4 - legs
- 1 - bottom heat shield
- 1 - ash/log retainer
- 1 - ash lip
- 1 - door handle

Assembly

1. Lift the top off of the stove and remove the top baffle and rear burn plate. Lay the stove on its front.
2. Attach the bottom heat shield and legs. The heat shield is sandwiched between the stove body and the legs. The channels on the sides of the heat shield are for storing the optional fireplace screen and should face the floor. Attach the legs using the four 6 x 25mm hex heat bolts and square washers.
3. Stand the stove up and bolt on the ash lip with the 6 x 16mm bolt.
4. Reinstall the rear burn plate and top baffle. The lip on the front edge of the top baffle slopes up.
5. Set the ash/log retainer into the groove provided in the front of the stove.
6. Place the insulated washer between the wooden knob and the door handle. Insert the long screw through the wooden knob and screw it into the handle.

Selecting Flue Outlets

The Jøtul 3TDIC-2 has a reversible flue outlet. To reverse outlet directions reach inside the outlet and unbolt the two bolts which hold the two halves together. This allows access to the two bolts which hold the back half of the outlet to the stove body. Unbolt the back half, remove it and turn it over to change positions. Re-bolt the back half into place and then put the front half back on with the two bolts.

5. Operation

Before building a fire in your new stove, please read the following section carefully.

This stove is designed to burn natural wood only. Higher efficiency and lower emissions generally result when burning air-dried seasoned hardwoods, as compared to softwoods or to green or freshly-cut hardwoods.

Do Not Burn:

- * Coal
- * Treated or Painted Wood
- * Garbage
- * Chemical Chimney Cleaners
- * Cardboard
- * Colored Paper
- * Solvents
- * Trash

Burning treated wood, garbage solvents, colored paper, chemical chimney cleaners, or trash may result in release of toxic fumes and may poison or render ineffective the catalytic combustor.

Burning coal, cardboard, or loose paper can produce soot or large flakes of char or fly ash that can coat the combustor, causing smoke spillage into the room and rendering the combustor ineffective.

Never use gasoline, gasoline-type lantern fuel, kerosene, charcoal lighter fluid, or similar liquids to start or "freshen up" a fire in this heater. Keep all such liquids far away from the heater while it is in use.

Wood Storage

When storing wood outside, it should be covered and stored off the ground to protect it from the elements. Make certain that the woodpile has good air circulation through it in order to promote drying to aid in the seasoning process.

To obtain the most benefit from the wood you burn, use only seasoned wood which has been cut and split for at least one year. Burning unseasoned or wet wood causes rapid development of creosote, while reducing the heat value of the wood being burned.

Creosote and Soot Formation And The Need For Removal

When wood is burned slowly, it produces tar and other organic vapors which combine with expelled moisture to form creosote. These creosote vapors condense in the relatively cool chimney flue of a slow-burning fire. The creosote that accumulates in the flue is highly flammable and is the fuel of chimney fires. To

Remember that there must be air space around the chimney, and that insulation must be 2" or more from the chimney (Figure 6).

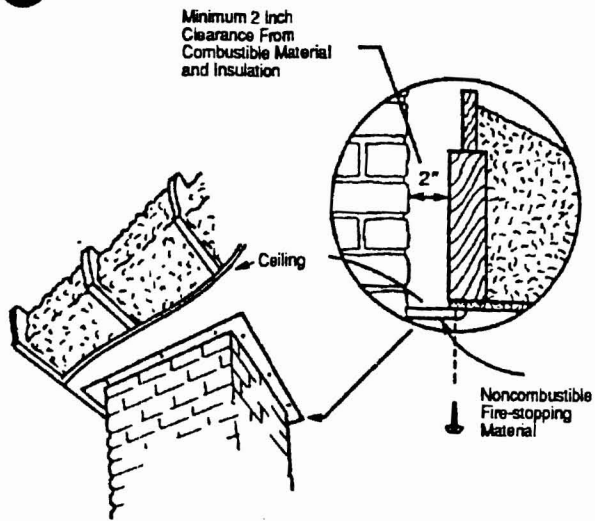
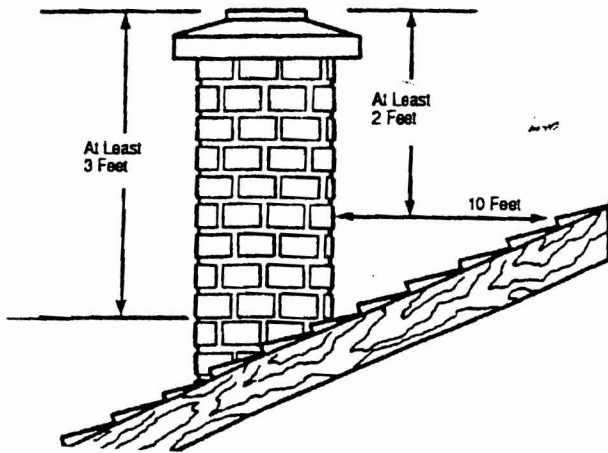


Figure 6

* A chimney must be the required height above the roof or other obstruction for safety and for proper draft operation. The requirement is that the chimney must be at least 3' higher than the highest point where it passes through the roof and at least 2' higher than the highest part of the roof or structure that is within 10' of the chimney, measured horizon-



drafts can be corrected by having your dealer install a barometric damper set at .1" of water column. If you suspect your draft is inadequate, consult your dealer. The minimum draft requirement is .05 inches water column.

Connection to a Metal Prefabricated Chimney

When a metal prefabricated chimney is used, the manufacturer's installation instructions must be followed precisely. You must also purchase (from the same manufacturer) and install the ceiling support package or wall pass through, "T" section package, firestops (when needed), insulation shield, roof flashing, chimney cap, etc. Maintain the proper clearance to the structure as recommended by the manufacturer. This clearance is usually a minimum of 2", although it may vary by manufacturer or for certain components.

There are basically two methods of metal chimney installation. One method is to install the chimney inside the residence through the ceiling and the roof (Figures 8, 9). The other method is to install an exterior chimney that runs up the outside of the residence (Figures 10, 11). The components illustrated may not look exactly like the system you purchase, but they demonstrate the basic components you will need for a proper and safe installation.

The chimney must be the required height above the roof or other obstruction for safety and proper draft operation (Figure 7).

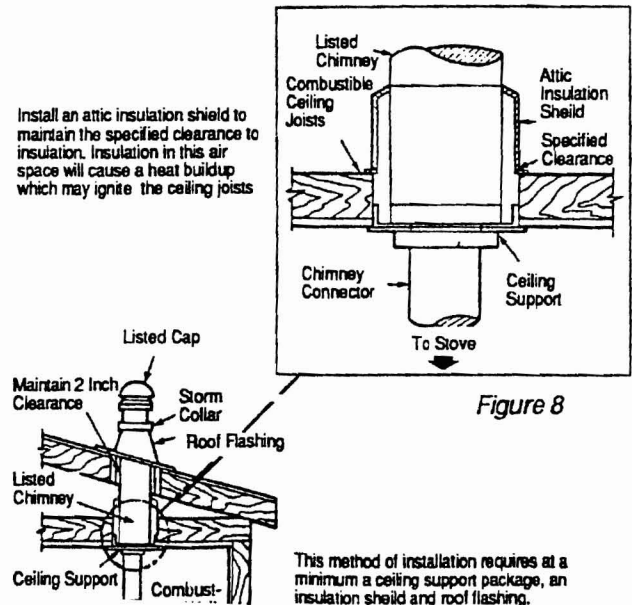
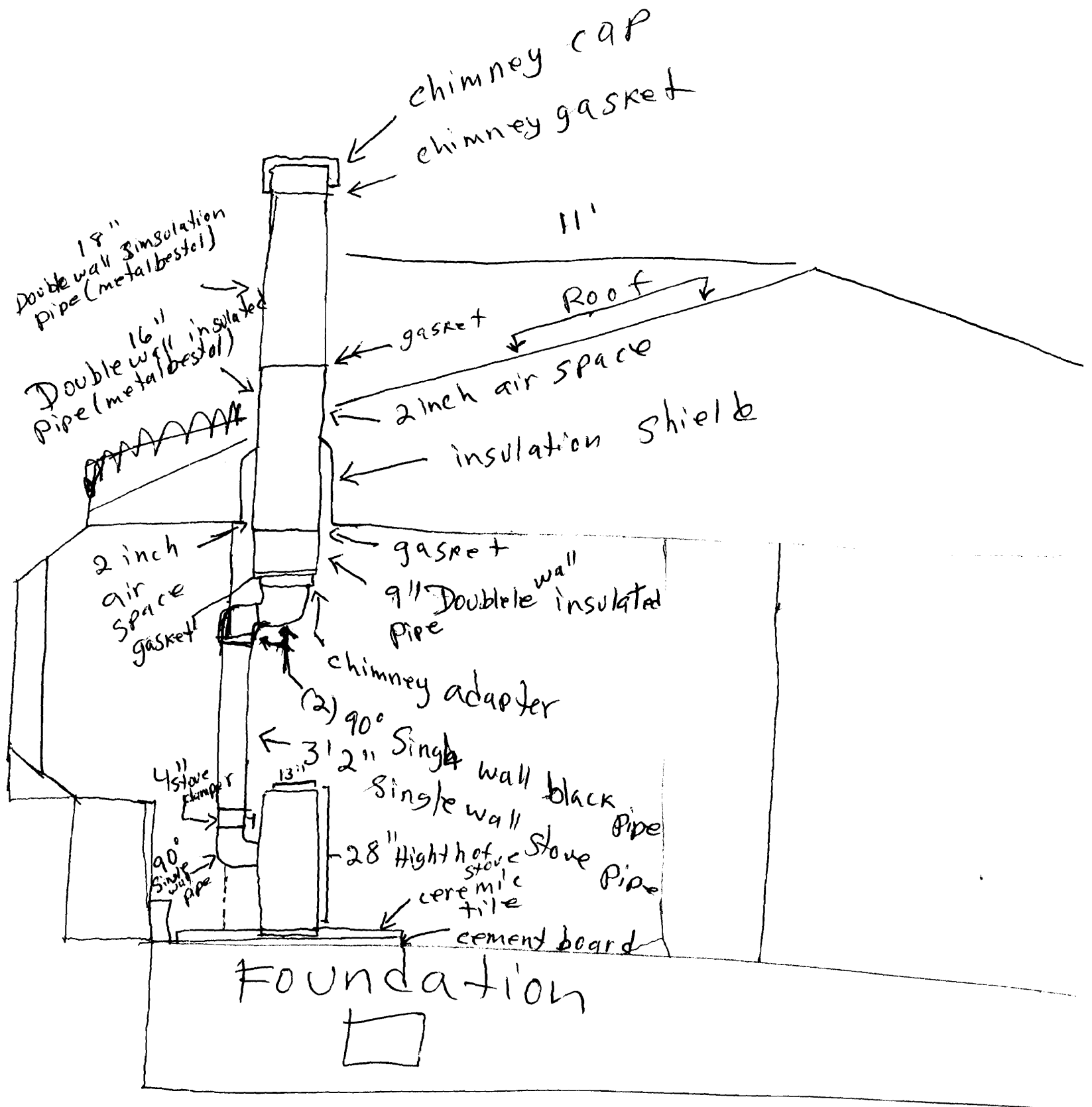


Figure 8

This method of installation requires at a minimum a ceiling support package, an insulation shield and roof flashing.



From TOP of Stove to the ceiling 4'11"

