

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 09-0162	Issue Date:	CBL: 398 B016001
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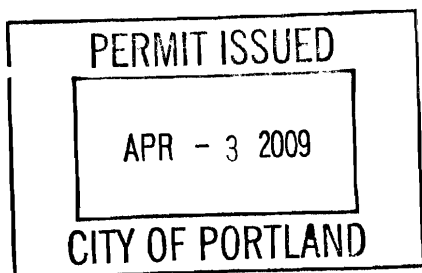
Location of Construction: 661 ALLEN AVE	Owner Name: FOWLER-GREAVES STEVE & JE	Owner Address: 661 ALLEN AVE	Phone:
Business Name:	Contractor Name: Robert Blanchard	Contractor Address: 39 Mountain Road Biddeford	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R5

Past Use: Single Family Home	Proposed Use: Single Family Home - Install EkoVimar Wood Gasification Boiler in Outbuilding/Utility Room	Permit Fee: \$80.00	Cost of Work: \$5,500.00	CEO District: 4
Proposed Project Description: Install EkoVimar Wood Gasification Boiler in Outbuilding/Utility Room		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: K3 Type: <i>HVAC</i> IRC 2003 Signature: <i>Dm 4/20/09</i>	
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____		

Permit Taken By: lmd	Date Applied For: 03/04/2009	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 type="checkbox"/> Date: <i>4/2/09</i>	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 Date: _____	Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input checked="" 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>4/2/09</i>
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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

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Dept: Zoning	Status: Approved with Conditions	Reviewer: Tom Markley	Approval Date: 04/02/2009
Note:			Ok to Issue: <input checked="" type="checkbox"/>
<p>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.</p> <p>2) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.</p> <p>3) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.</p>			

Dept: Building	Status: Approved with Conditions	Reviewer: Tom Markley	Approval Date: 04/02/2009
Note:			Ok to Issue: <input checked="" type="checkbox"/>
<p>1) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm or HVAC or exhaust systems. Separate plans may need to be submitted for approval as a part of this process.</p> <p>2) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.</p> <p>3) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules</p>			

Comments:
3/5/2009-lmd: Received permit on 3/3/09, waiting on UL listing number, and emissions certification. I allowed an extension until March 31, 2009 for the removal or abandonment of the Big Johnson Wood Boiler that was denied.
3/5/2009-jmb: Emailed Alisa Schumacher for pdf doc as the doc she sent is corrupted or not the proper format
3/10/2009-jmb: Emailed Alisa S. Again for the documentation. Application is on hold and will not be routed for review until this information is received.
3/30/2009-jmb: Steve F-G came in and submitted certificate information. It does not specifically state that it is for emissions standards, so I googled the # and it does provide specific calculations. I do not know what the state standard is so I left a vcmmsg with Fred Hagan at the DEP (822-6315)
3/31/2009-jmb: Spoke with Fred Hagan of DEP, discussed European Certificate and the type of boiler to be installed. He thinks this system does not fall under DEP emissions standards. It is a wood fired boiler, no different than a wood stove. He would like to inspect when installed.
4/8/2009-jmb: Spoke to Steve F., he has verified that he has abandoned firing the Big Johnson system as of April 1 and will call for an inspection when this one is installed. It could be several weeks.



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



398-B-016

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 398-B-016 Use of Building Out Building Utility Date 3-3-09
 Name and address of owner of appliance (old) Allen Ave
Portland me 04103
 Installer's name and address ROBERT Blanchard 39 Newton Rd
BIDDEFORD ME Telephone _____

Location of appliance:

- Basement
- Attic

- Floor Out building Utility Room
- Roof

Type of Fuel:

- Gas
- Oil
- Solid MAR - 5 2009

EKO Vimar wood gasification

Appliance Name: ~~Silberman Green's~~ Boiler

U.L. Approved Yes No

TUV 072024834258486H

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____

The Type of License of Installer:

- Master Plumber # _____
- Solid Fuel # 30001219
- Oil # _____
- Gas # _____
- Other _____

Type of Chimney:

- Masonry Lined
Factory built _____

- Metal
Factory Built U.L. Listing # _____

- Direct Vent
Type _____ UL# _____

Type of Fuel Tank

- Oil
- Gas
- Wood

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 5,500.00

Permit Fee: \$ 80.00

Approved

Approved with Conditions

Fire: _____

See attached letter or requirement

Ele.: _____

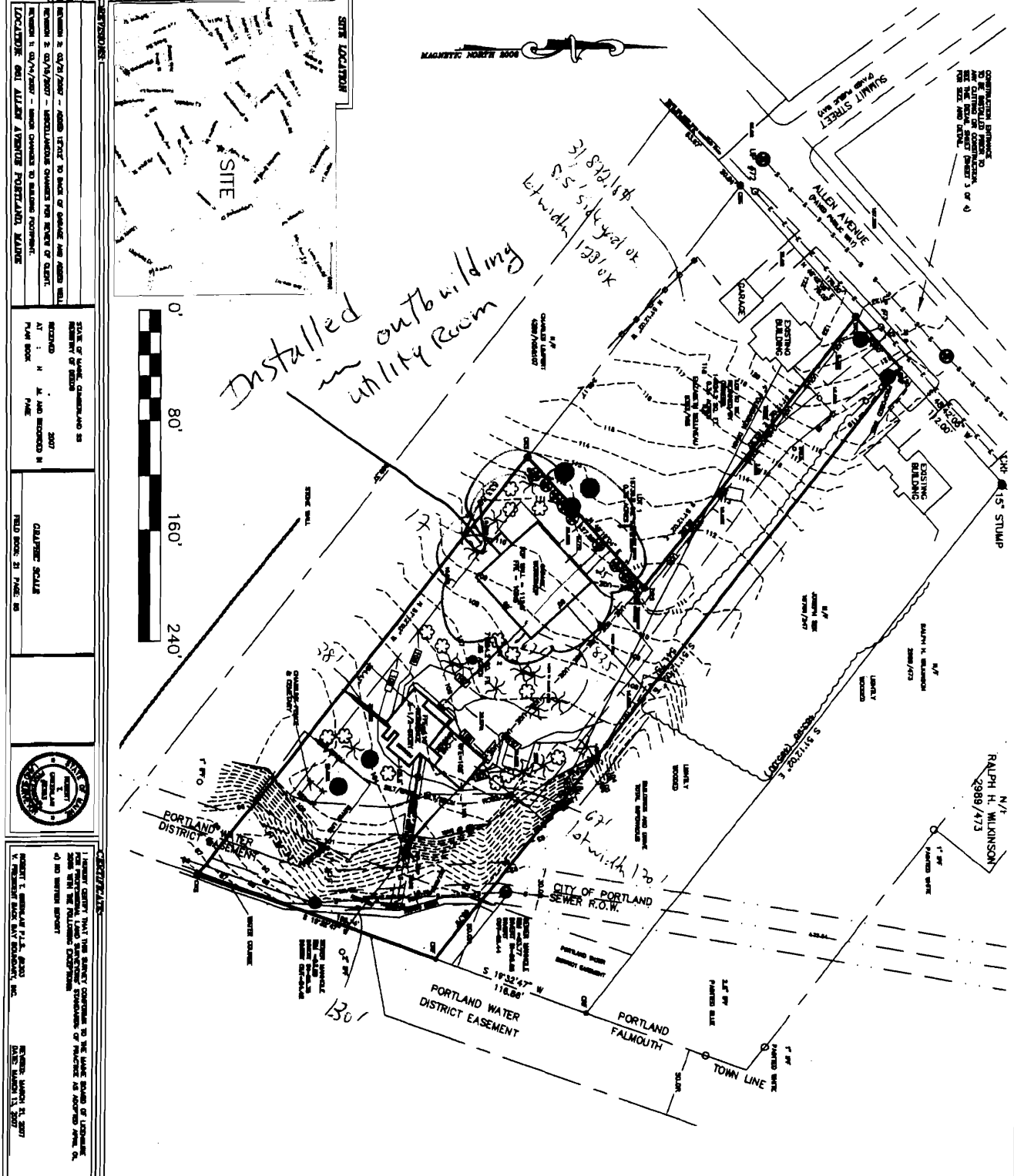
Bldg.: _____

Inspector's Signature _____

Date Approved _____

Signature of Installer [Signature]

White - Inspection Yellow - File Pink - Applicant's Gold - Assessor's Copy

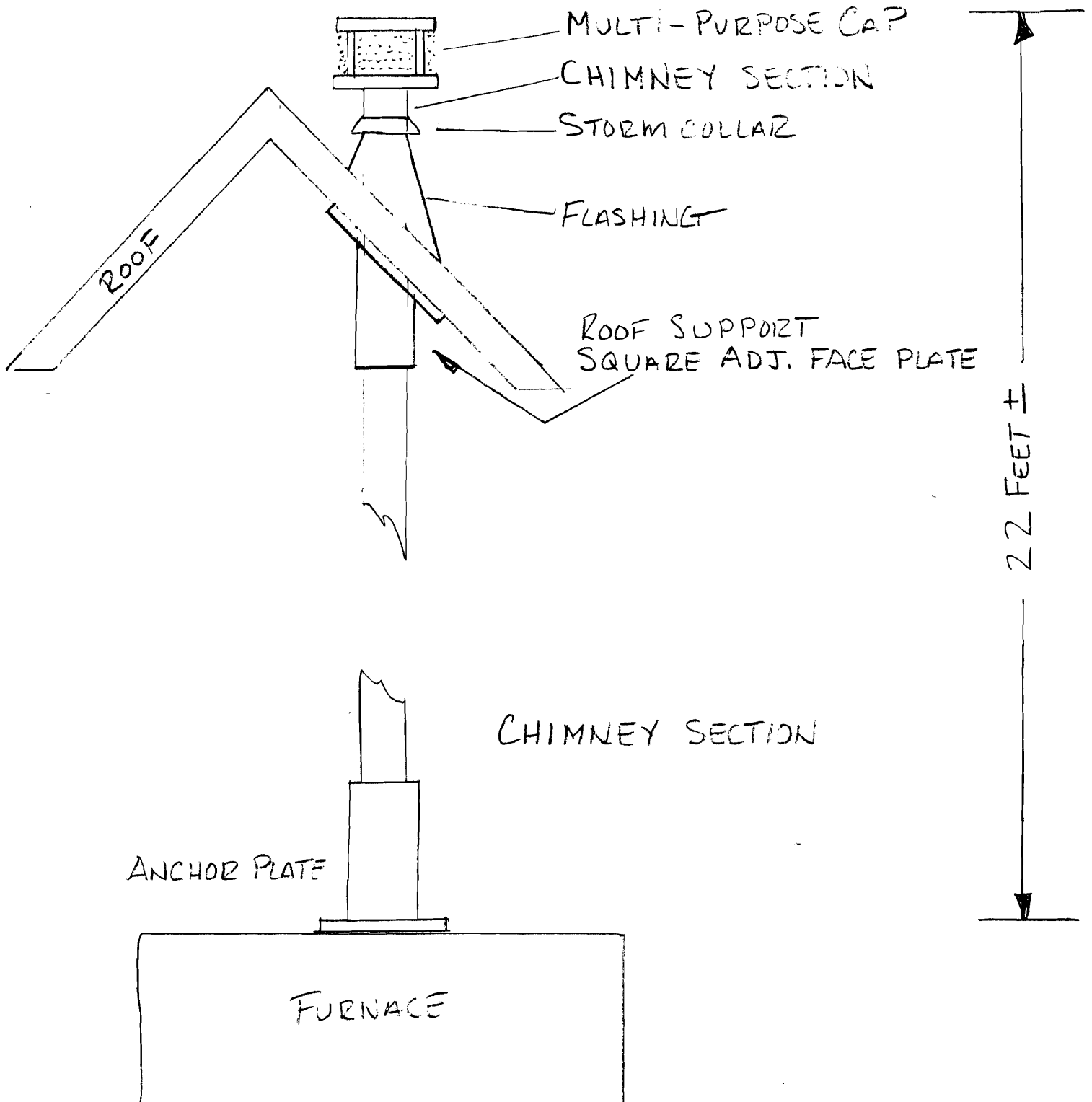


<p>REVISION 3: 03/14/2007 - ADDED UTILITY TO BACK OF GARAGE AND ADDED WALL</p> <p>REVISION 2: 03/14/2007 - UNDEVELOPED CHANGES FOR REVIEW OF CLIENT</p> <p>REVISION 1: 03/14/2007 - SHOW CHANGES TO UTILITY FOOTPRINT</p> <p>LOCATION: 10000 N. GARDEN STREET, PORTLAND, OREGON</p>	<p>STATE OF OREGON, CHIEF AND AS SURVEYOR</p> <p>REVISION 3: 03/14/2007</p> <p>AT 1: H. M. AND REVISION 2: H. M.</p> <p>PLAN BOOK: 21 PAGE 05</p>	<p>CALIBRATED SCALE</p> <p>FIELD BOOK: 21 PAGE 05</p>		<p>PROJECT: 1. 10000 N. GARDEN P.L.S. 03/14/07</p> <p>DATE: 03/14/2007</p> <p>DESIGNER: JAMES H. 03/14/2007</p> <p>DATE: 03/14/2007</p>
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6661 ALLEN AVE

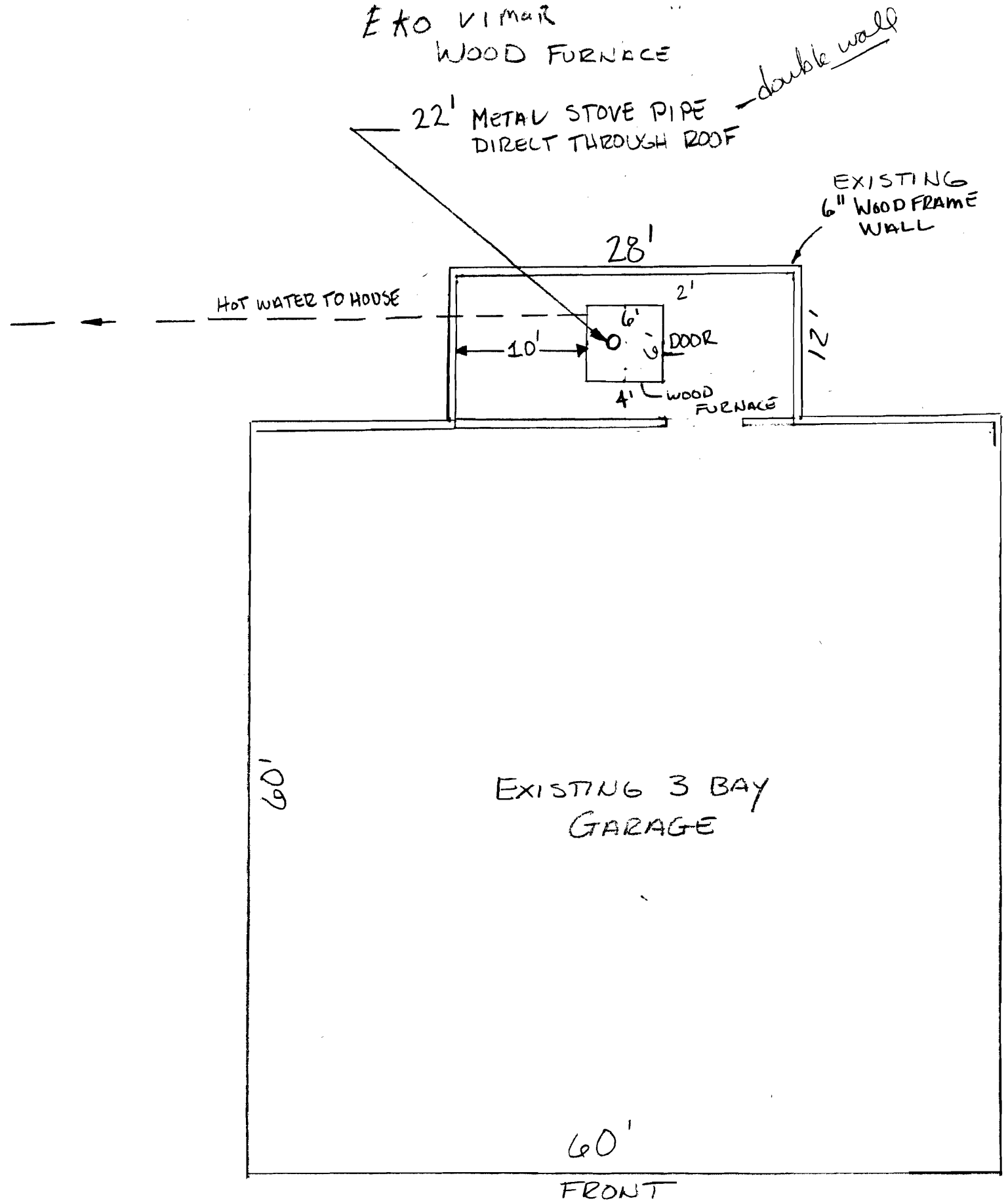
10/16/2007

PROPOSED STOVE PIPE INSTALLATION



10-16-2007
1"=10' ±

PROPOSED INSTALLATION OF EKO VIMAR WOOD FURNACE



From: Jeanie Bourke
To: Alisa Schumacher
Date: 3/10/2009 8:37:01 AM
Subject: Fwd: Re: Fw: Boiler Certifications

Hi Alisa,
I was concerned that you may have not received this email. Can you please send a pdf of the certificate and the corresponding UL # to the European TUV.
Thanks

>>> Jeanie Bourke 03/04 8:28 AM >>>

Hi Alisa,
Thanks for the prompt delivery of this documentation.
We are not able to open it in this format or it may be damaged, can you please resend as a pdf or word doc.
Thankyou

Jeanie Bourke
Code Enforcement Officer/Plan Reviewer

City of Portland
Planning & Urban Development Dept./ Inspections Division
389 Congress St. Rm 315
Portland, ME 04101
jmb@portlandmaine.gov
(207)874-8715

>>> Alisa Schumacher <ahona072002@yahoo.com> 03/03 12:07 PM >>>

Dear Jeanie Bourke,

Attached please find an certificate data for the EKO Wood Gasification Boilers.
We were requested to send you this documentation by Steve, a business Partner of one of our Dealers
Greg Provost of Thick N Thin Lumber.

Please note these certification certificates for TUV exceed quality standards of the US, as European standards for gasification boilers have been in place for more than 2 decades, while the US Manufacturing sector is still new to gasification designs. Thus, the importation of Tarm, EKO, Atmos etc.

UL is the registered certification Mark of Underwriters Laboratories Inc. They are an independent product safety testing and certification organization. The mark is recolonized worldwide as well as TUV.

TUV is also an independent testing lab like UL. They are just a German version of UL, located in Hamburg, Germany. German safety standards are superior to US standards in many ways...as their technology in the gasification is world renown....and what all companies worldwide strive for.

Should you have any questions regarding the attached documentation, please feel free to call Mark Schoellig, CEO of Alternative Heating of North America (AHONA) at (607) 965-8101 or cell phone (607) 435-4753.

Thank you,

Alisa Schumacher

CC: Greg Provost- Thick N Thin Lumber Sales, Inc., Authorized Dealer

Alisa A. Schumacher
Alternative Heating of North America
Subsidiary of Grow & Bloom, Inc.
Office Telephone(607) 965-8101
www.ahona.com

----- Forwarded Message -----

From: Alisa Schumacher <ahona072002@yahoo.com>
To: JMD@PortlandMaine.gov
Cc: thknthn@verizon.net
Sent: Tuesday, March 3, 2009 10:05:46 AM
Subject: Boiler Certifications

Hello,

Attached please find the certification information for Mr. Greg Provost's Customer that is looking to install the EKO Model 80 Gasification Boiler.

Unfortunately, we did not receive the gentleman's name from the Dealer, so hopefully this will be easy for you to reference.

If you have any questions or require anything additional, please do not hesitate to contact Mark Schoellig at our office number (607) 965-8101.

Enjoy your day.
Sincerely yours,
Alisa Schumacher

CC: Greg Provost (Dealer) Thick N Thin Lumber Sales, Inc.

Alisa A. Schumacher
Alternative Heating of North America
Subsidiary of Grow & Bloom, Inc.
Office Telephone(607) 965-8101
www.ahona.com

CC: Lisa Danforth

CERTIFICATE

Quality- Assurance System
according to directive 97/23/EC

Certificate No.: 07 202 4834 Z 5848/6/H rev. 1

Name and address of bearer: EKO-VIMAR ORLANSKI
ul. Nyska 17b
PL-48-385 Otmuchów

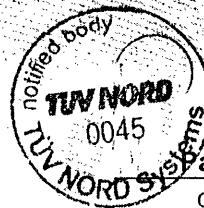
We hereby certify, that the manufacturer has established a quality system for the manufacturing of pressure equipment according to directive 97/23/EC. The manufacturer is entitled to mark the pressure equipment produced within the range of the quality system with the following mark:

CE 0045

Tested according to 97/23/EC: full quality assurance (module H)
Test report No.: 4834 P 5848/6/1
Range of products: Heating boilers for solid fuels (wood), acc. to EN 303-5
nominal heat output of 14 to 80 kW
Place of manufacture: ZP1: ul. Warszawska 20
PL-48-385 Otmuchów
ZP2: ul. Miru 371
CZ-79070 Javornik
valid until: September 2009

Katowice, 25.06.2008

TÜV CERT- Zertifizierungsstelle
für Druckgeräte
der TÜV NORD Systems
GmbH & Co. KG



[Signature]
Pawel Kaczmarek, Dipl.-Ing.

Certification Body EC-Reg.No. 0045

TÜV NORD Systems GmbH & Co. KG
Große Bahnstr. 31
D-22525 Hamburg
Germany,
Tel. +48 32 207 30 29
Fax +48 32 207 30 63
e-mail p.kaczmarek@tuv-nord.pl

Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE



TEST REPORT

No. 39-5188/T

Product: Hot water boiler burning wood

Type designation: ORLAN 80

Versions: -

Customer: EKO-VIMAR ORLAŃSKI
ul. Nyska 17 B
48-385 Otmuchów
POLAND

Manufacturer: EKO-VIMAR ORLAŃSKI
ul. Nyska 17 B
48-385 Otmuchów
POLAND

Responsible employee: Ing. Aleš Onderek

Report issue date: 2005-11-10

Distribution list: 1 copy to the Engineering Test Institute
1 copy to the Customer

APR - 1 2009

*Downloaded
off website*



Annex – photo-documentation

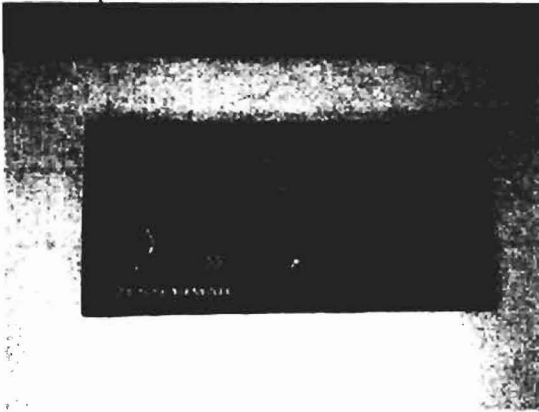


Fig. 1: - boiler controls



Fig. 4: - view of the boiler combustion chamber



Fig. 2 - overall view of the boiler



Fig. 5: - overall view of the boiler (with a combustion chamber test door and covered fan)

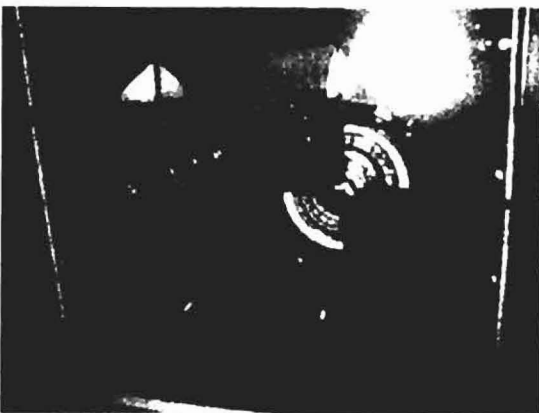


Fig. 3: - combustion air fans

APR - 1 2009

Jeanine downloaded off website.

Issues

CERTIFICATE

number: **B-30-00751-07**

to the importer: EKO-VIMAR ORLAŇSKI
ul. Nyska 17b, 48-385 Otmuchów
Poland

for the products: Hot Water Boilers for Burning Wood with Hand Refuelling
type designation: ORLAN .. STANDARD (SUPER)
variants: ORLAN 25, (40, 60, 80) STANDARD
ORLAN 25, (40, 60, 80) SUPER

The Engineering Test Institute certifies hereby conformity of the said product sample properties with applicable requirements of

ČSN EN 303-5:2000.

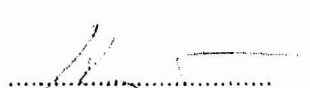
Boilers fulfill requirements of class 3.

The certificate has been issued on the basis of Final Report No. 30-7354 dated 2007-10-29, issued by the Engineering Test Institute.

The guidelines for handling the certificate are stated on page 2.

Brno 2007-10-29




Jiří Rozsival
Deputy Director