

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 05-0602	Issue Date: PERMIT ISSUED MAY 27 2005	CBL: F027001
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Location of Construction: 43 Parsons Rd	Owner Name: Po Cicy &	Owner Address: 45 Parsons Rd	Phone: 2077728687
Business Name:	Contractor Name: Avery Services, Inc.	Contractor Address: 7 Thomas Drive Westbrook	Phone: 2077728687
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R3
Fast Use: Single Family Home	Proposed Use: Single Family Home/ install a carrier cooling coil & Condenser in basement	Permit Fee: \$75.00	Cost of Work: \$5,216.00
Proposed Project Description: install a carrier cooling coil & Condenser in basement		CEO District: 4	
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied INSPECTION: Use Group: R3 Type: HVAC IMC-2003 Signature: JMB 5/26/05 Signature: JMB 5/26/05	
		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: Idobson	Date Applied For: 0512012005	Zoning Approval	

- 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	Zoning Appeal	Historic Preservation
<input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan <i>JK</i> Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>JMB 5/26/05</i>	<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: _____	<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>JMB</i>

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

Permit No: 05-0602	Date Applied For: 05/20/2005	CBL: 139 F027001
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Location of Construction: 43 Parsons Rd	Owner Name: Po Cicy &	Owner Address: 45 Parsons Rd	Phone:
Business Name:	Contractor Name: Avery Services, Inc.	Contractor Address: 7 Thomas Drive Westbrook	Phone (207) 772-8687
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Single Family Home/ install a carrier cooling coil & Condenser in basement	Proposed Project Description: install a carrier cooling coil & Condenser in basement
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Dept: Zoning	Status: Approved	Reviewer: Jeanine Bourke	Approval Date: 05/26/2005
Note:			Ok to Issue: <input checked="" type="checkbox"/>
Dept: Building	Status: Pending	Reviewer: Jeanine Bourke	Approval Date: 05/26/2005
Note:			Ok to Issue: <input type="checkbox"/>

Dept: Fire	Status:	Reviewer:	Approval Date:
Note:			Ok to Issue: <input type="checkbox"/>

PROPOSAL

927

AVERY SERVICES, INC.
7 Thomas Drive
WESTBROOK, MAINE 04092
(207) 772-8687

FAX (207) 874-0933

TO: Paul Duchesne
50 Exchange St.
% Stone Home Antiques
Portland ME 04101

PHONE	DATE
Cell 756-4411	15/6/05
JOB NAME/ LOCATION	
Install central air conditioning and duct mods at home. 45 Parsons Road - Portland, ME	
JOB NUMBER	JOB PHONE
DCA #579967	

We hereby submit specifications and estimates for:

Avery Services, Inc. is pleased to quote as requested on the installation of central air conditioning to your existing forced air systems, includes duct modification as discussed. Scope of work to include:

- Supply and install a Carrier uncased cooling coil into your existing furnace supply plenum.
 - Supply and install a Carrier 38TXA 13 SEER Puron condenser set on a polymer pad, includes disconnect and whip.
 - Supply and install outlet off furnace power, condensate pump set on floor, pipe out in PVC with refrigerant lines.
 - Supply and install interconnecting refrigerant lines from coil to condenser.
 - Supply and install a Carrier programmable thermostat and low voltage wiring.
 - Supply and install (6) pleated (1") air filters (5 for spares) for your existing furnace.
 - Supply and install new grilles to replace existing grilles (except (1) in each of the bathrooms). Install (1) new supply floor grille in kitchen by kitchen door, (1) in dining area and (1) new high return grille.
 - Supply and install galvanized metal duct mods to include (2) supplies in kitchen/dining room, (1) high return for A/C system, and mods to correct existing return duct size problems.
- We are providing a \$250 allowance for a licensed electrician, if cost exceeds this amount it would be the responsibility of the customer to pay through a written change order. If you wish to use your own electrician, we can deduct that amount.
- Start **up** and test. Price includes: freight, taxes, permit.

DP CK# 642
5/6/05
\$ 2716.00

EXCLUSIONS: Structural, carpentry, soffit, painting, and adequacy of existing systems.

We Propose hereby to furnish material and labor — complete in accordance with the above specifications, for the sum of **Five Thousand Two Hundred Sixteen and 00/100 Dollars** dollars (\$) **5,216.00**).

Payment to be made as follows

25% upon acceptance - Progress billing/net 10 days - All balances due upon substantial completion.

If payment is not made as outlined above, a service charge of 2% per month on the overdue balance plus all reasonable costs of collection, including attorney's fees will be paid.

All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Worker's Compensation insurance.

Authorized Signature

Note: This proposal may be withdrawn by us if not accepted within **30** days.

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature

Paul B. Duchesne 5/6/05

Signature

Date of Acceptance _____

Colonel Westbrook Executive Park

7 Thomas Ave
WESTBROOK, MAINE 04092
(207) 772-8687

JOB SHEET NO. _____ OF _____

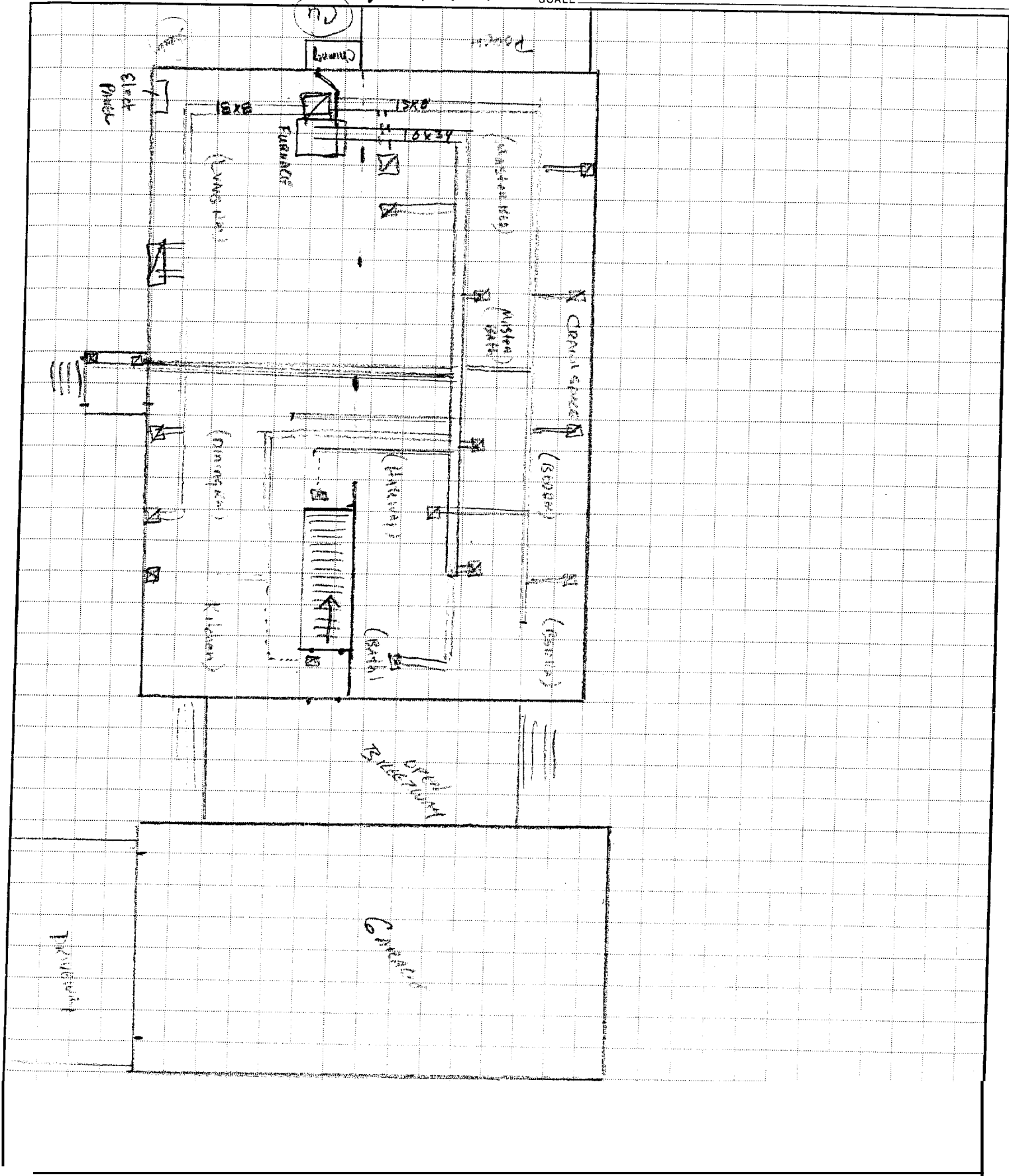
CALCULATED BY _____ DATE 13

CHECKED BY _____ DATE 13

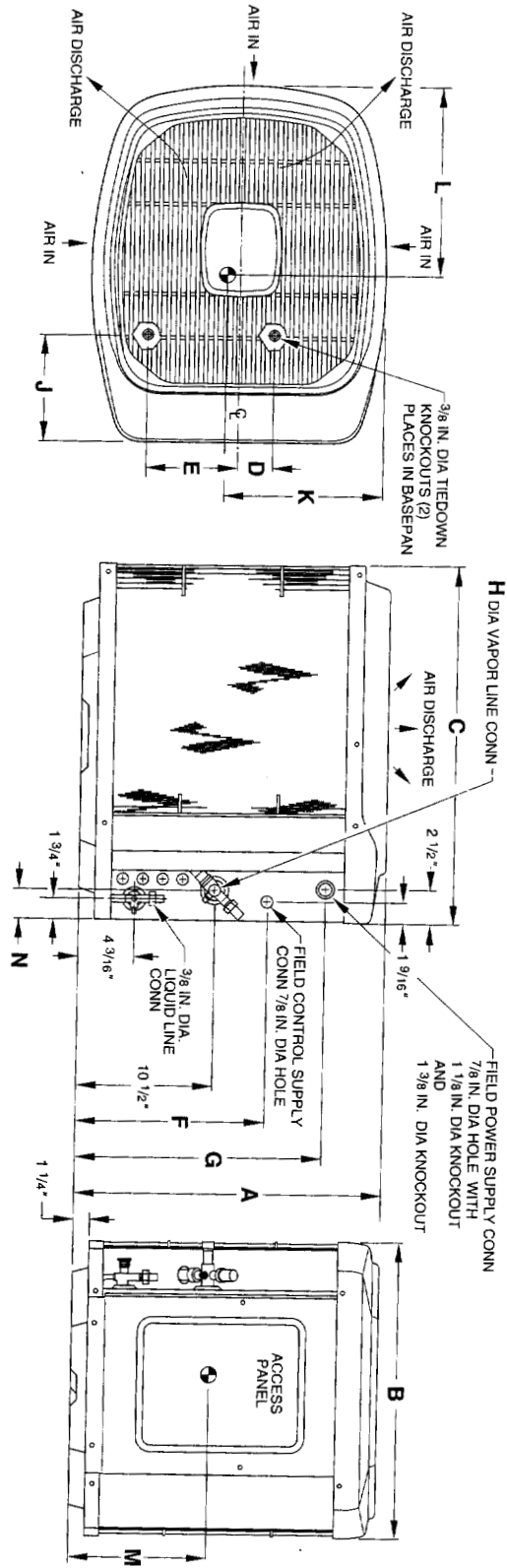
SCALE _____

35 ft to Road ← ↑ 20+ ft to property line

STREET



- NOTES:**
1. Allow 30 in. clearance to service side of unit, 48 in. above unit, 6 in. on one side, 12 in. on remaining side, and 24 in. between units for proper airflow.
 2. Minimum outdoor operating ambient in cooling mode is 55°F (unless low ambient control is used) max 125°F.
 3. Series designation is the 13th position of the unit model number.
 4. Center of gravity.



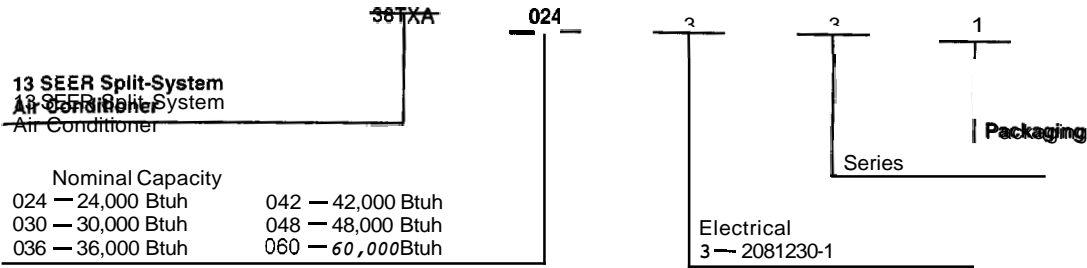
DIMENSIONS (IN.)

UNIT SIZE	SERIES	UNIT DIMENSIONS													MINIMUM MOUNTING PAD DIMENSIONS
		A	B	C	D	E	F	G	H	J	K	L	M	N	
024	34	27-13/16	30	34-15/16	4	9-3/4	15-1/2	21-7/8	5/8	8-3/16	17	19-3/4	13	2-15/16	26 x 32
030	33	27-13/16	30	34-15/16	4	9-3/4	15-1/2	21-7/8	3/4	8-3/16	18-1/2	19-3/4	13	2-15/16	26 x 32
036	33	33-13/16	30	34-15/16	4	9-3/4	21-1/2	27-7/8	3/4	8-3/16	17	19-3/4	13	2-15/16	26 x 32
042	33	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	7/8	8-3/16	17-3/4	19-3/4	13	2-15/16	26 x 32
048	33	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	7/8	8-3/16	16-3/4	17-1/4	13	2-15/16	26 x 32
060	34, 35	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	7/8	8-3/16	16-1/2	19	13	2-15/16	26 x 32

A97084



Model number nomenclature



Physical data

UNIT SIZE-SERIES	024-34	030-33	036-33	042-33	048-33	060-34/35
Operating Weight (Lb)	220	213	243	253	301	337
Type	Scroll					
REFRIGERANT Control	Puron® (R-410A) Accumulator, TXV (Hard Shutoff)					
Charge (Lb)	5.50	6.00	6.88	8.75	9.95	12.00/11.50
COND FAN Air Discharge	Propeller Type, Direct Drive					
Motor HP	2400 1/8	2400 1/8	2800 1/5	2800 1/5	3400 1/4	3400 1/4
Motor RPM	825	825	825	825	1125	1125
Circuits	12.2 25 1 2	25 1 2	15.2 1 2	1 3	2 5	2 5
VALVE CONNECT. (In. ID)	Sweat					
Vapor	5/8	3/4	3/4	7/8	7/8	7/8
Liquid						
REFRIGERANT TUBES* (In. OD)						
Vapor (0-50 Ft Tube Length)		7/8	3/4	7/8	7/8	1-1/8
Vapor (Max Diameter for Long-Line Applications)	7/8	7/8	1-1/8	1-1/8	1-11/8	1-11/8
Liquid (0-50 Ft Tube Length)						
Liquid (For Long-Line Applications)						

* For tubing sets greater than 50 ft horizontal and/or 20 ft vertical differential, consult Residential Split System Long-Line Application Guideline and Service Manual.

NOTE: See unit Installation Instructions for proper installation.

ACCURATER® PISTON CHART

UNIT SIZE-SERIES	PISTON* IDENTIFICATION NO.
024-34	55
030-33	63
036-33	70
042-33	73
048-33	78
060-34	96
060-35	TXV

* Piston listed is for any approved non-capillary tube coil combination. Piston is shipped with outdoor unit and must be installed in approved indoor coil.

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE*)

UNIT SIZE-SERIES	REQUIRED SUBCOOLING (°F)
024-34	10
030-33	12
036-33	11
042-33	12
048-33	11
060-34, 35	12

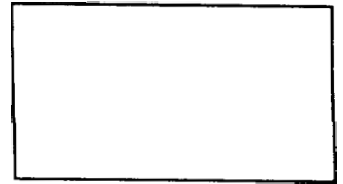
* Must be a Puron® (R-410A) approved hard shutoff TXV.

Carrier DECORATIVE WALL



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



139 F 27

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 _____ Use of Building RESIDENTIAL Date 5/13/05
 Name and address of owner of appliance Paul Duchesne 45 PARSONS RD
PORTLAND, ME
 Installer's name and address AVERY SERVICES INC 7 THOMAS DRIVE
WESTBROOK, ME 04092 Telephone 207-772-8687
 FAX 874-0933

Location of appliance:

- Basement
- Attic
- Floor
- Roof
- Ground

Type of Fuel:

- Gas EXISTING FURNACE
- Oil
- Solid

Appliance Name: Camec Cooling Coil & Condenser

U.L. Approved Yes No

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 # _____
- Oil # _____
- Gas # PT1431
- Other _____

Type of Chimney:

- Masonry Lined
Factory built NA
- Metal
Factory Built U.L. Listing # NA
- Direct Vent
Type NA UL# _____

Type of Fuel Tank

- Oil
- Gas

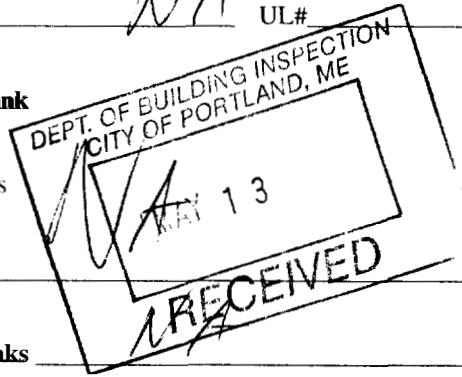
Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame NA feet.

Cost of Work: \$ 5,211.00

Permit Fee: \$ 75.00



Approved

Fire: _____
 Ele.: _____
 Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Signature of Installer

Douglas Avery

Inspector's Signature

Date Approved