

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 09-1266	Issue Date:	CBL: 388A A055001
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Location of Construction: 56 QUIET LN	Owner Name: LEGERE JERRY W & CHRISTIN	Owner Address: 56 PINELOCH DR	Phone:
Business Name:	Contractor Name: Evergreen Geothermal, LLC	Contractor Address: 8 Misty Way Falmouth	Phone: 2076505098
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-2

Past Use: Single Family Home	Proposed Use: Single Family Home - install a Vertical Bore Geothermal Heating & Cooling System	Permit Fee: \$250.00	Cost of Work: \$23,000.00	CEO District: 5
<p>#09-1049 original permit</p>		<p>FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied</p>		
		<p>INSPECTION: Use Group: R3 Type: SB IRC 2003</p>		

Proposed Project Description: install a Vertical Bore Geothermal Heating & Cooling System	Signature:	Signature: <i>2m 11/18/09</i>
<p>PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)</p> <p>Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied</p> <p>Signature: Date:</p>		

Permit Taken By: Ldobson	Date Applied For: 11/06/2009	Zoning Approval
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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 information may invalidate a building permit and stop all work..</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p>Date: <i>11/10/09</i></p>	<p>Zoning Appeal</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>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District 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: <i>[Signature]</i></p>
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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.

PERMIT ISSUED

SIGNATURE OF APPLICANT ADDRESS DATE: **NOV 18 2009** PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE CITY of Portland PHONE

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Permit No: 09-1266		Date Applied For: 11/06/2009		CBL: 388A A055001	
Location of Construction: 56 QUIET LN		Owner Name: LEGERE JERRY W & CHRISTINE		Owner Address: 56 PINELOCH DR	
Business Name:		Contractor Name: Evergreen Geothermal, LLC		Phone: (207) 650-5098	
Lessee/Buyer's Name		Phone:		Permit Type: HVAC	
Proposed Use: Single Family Home - install a Vertical Bore Geothermal Heating & Cooling System			Proposed Project Description: install a Vertical Bore Geothermal Heating & Cooling System		
Dept: Zoning		Status: Approved		Reviewer: Marge Schmuckal	
Note:				Approval Date: 11/10/2009	
				Ok to Issue: <input checked="" type="checkbox"/>	
Dept: Building		Status: Approved with Conditions		Reviewer: Tom Markley	
Note:				Approval Date: 11/18/2009	
				Ok to Issue: <input checked="" type="checkbox"/>	
1) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.					

PERMIT ISSUED

NOV 18 2009

City of Portland



FILL IN AND SIGN WITH INK

PERMIT ISSUED

NOV 18 2009

**APPLICATION FOR PERMIT
HEATING OR POWER EQUIPMENT**

City of Portland

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 388 AA 55 Use of Building Residential Date Nov/6/09
Name and address of owner of appliance Gary Legere
56 Quiet Lane - Portland - Me
Installer's name and address Evergreen Geothermal 8 Misty Way, Falmouth
Telephone 650-5098

Location of appliance:

- ☒ Basement ☐ Floor
☐ Attic ☐ Roof

Type of Fuel:

- ☐ Gas ☐ Oil ☐ Solid

Electric / Geothermal**Appliance Name:**U.L. Approved ☐ Yes ☐ NoWill appliance be installed in accordance with the manufacture's installation instructions? ☒ Yes ☐ No

IF NO Explain: _____

The Type of License of Installer:

- ☐ Master Plumber # N/A
☐ Solid Fuel # _____
☐ Oil # _____
☐ Gas # _____
☐ Other _____

Type of Chimney:

- ☐ Masonry Lined
Factory built N/A - no combustion

- ☐ Metal

Factory Built U.L. Listing # N/A

- ☐ Direct Vent

Type N/A

UL# _____

Type of Fuel Tank

- ☐ Oil
☐ Gas

Size of Tank N/ANumber of Tanks 5 home basesDistance from Tank to Center of Flame N/A feet.Cost of Work: \$ 23,000.00Permit Fee: \$ 250**Approved****Approved with Conditions**

Fire: _____

Ele.: _____

Bldg.: _____

☐ See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer (Owner) 450-0692

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy

S42.41'25"E
71.17'

Revision:	By:	Date:	Change:

PROJECT: 31593

DRAWING NAME: 31003.DWG

DATE: OCTOBER 8, 2009

SCALE: 1"=20'

FIELD BY: ADA, JAP

DRAWN BY: ADA

Drawing Name and Location:

EXISTING CONDITIONS PLAN

56 QUIET LANE, PORTLAND, MAINE

Owner:

JERRY LEGERE

PORTSMOUTH NAVAL SHIPYARD, KITTERY, MAINE

Prepared For:

JERRY LEGERE

PORTSMOUTH NAVAL SHIPYARD, KITTERY, MAINE



SURVEYING ENGINEERING LAND PLANNING

Northeast Civil Solutions

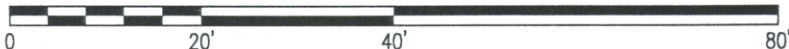
INCORPORATED

153 US ROUTE 1, SCARBOROUGH, MAINE 04074

tel
207.883.1000
800.882.2227

fax
207.883.1001

e-mail
info@northeastcivilsolutions.com



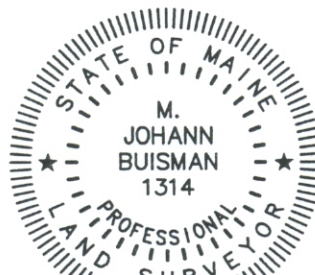
STAMP AND SIGNATURE

M. Johann Buisman

M. JOHANN BUISMAN
MAINE R.L.S. No. 1314

10-23-09

DATE





Evergreen Geothermal, LLC

IGSHPA Certified geothermal System Installation Contractors

8 Misty Way • Falmouth, ME 04105

Phone: (207) 650-5098 • Fax: (207) 797-2880

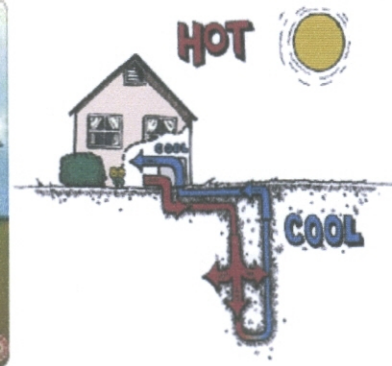
Email: dave@evergreengeo.com

Contract

PROPOSAL # 126

Date: November 6, 2009

Jerry Legere
56 Quiet Lane
Portland, ME



Complete First floor and second floor ducted “5 ton” Closed Loop Vertical Bore Geothermal Heating and Cooling system, including;

Florida heat pump model ESO 61 VTC-FLT vertical package, 2 stage heating and cooling geothermal heat pump.

(49,000 Btus @ 32 deg. EWT) with duct work and 14.4 kW backup electric heat, and equipped with desuperheater for domestic hot water production.

http://www.fhp-mfg.com/newpdfs/ES2stage/ES2_Qu_ref.pdf

Heat pump will be located in cellar, builder will supply two duct chases for 10"x20" duct, for supply and return for second story as discussed with builder.

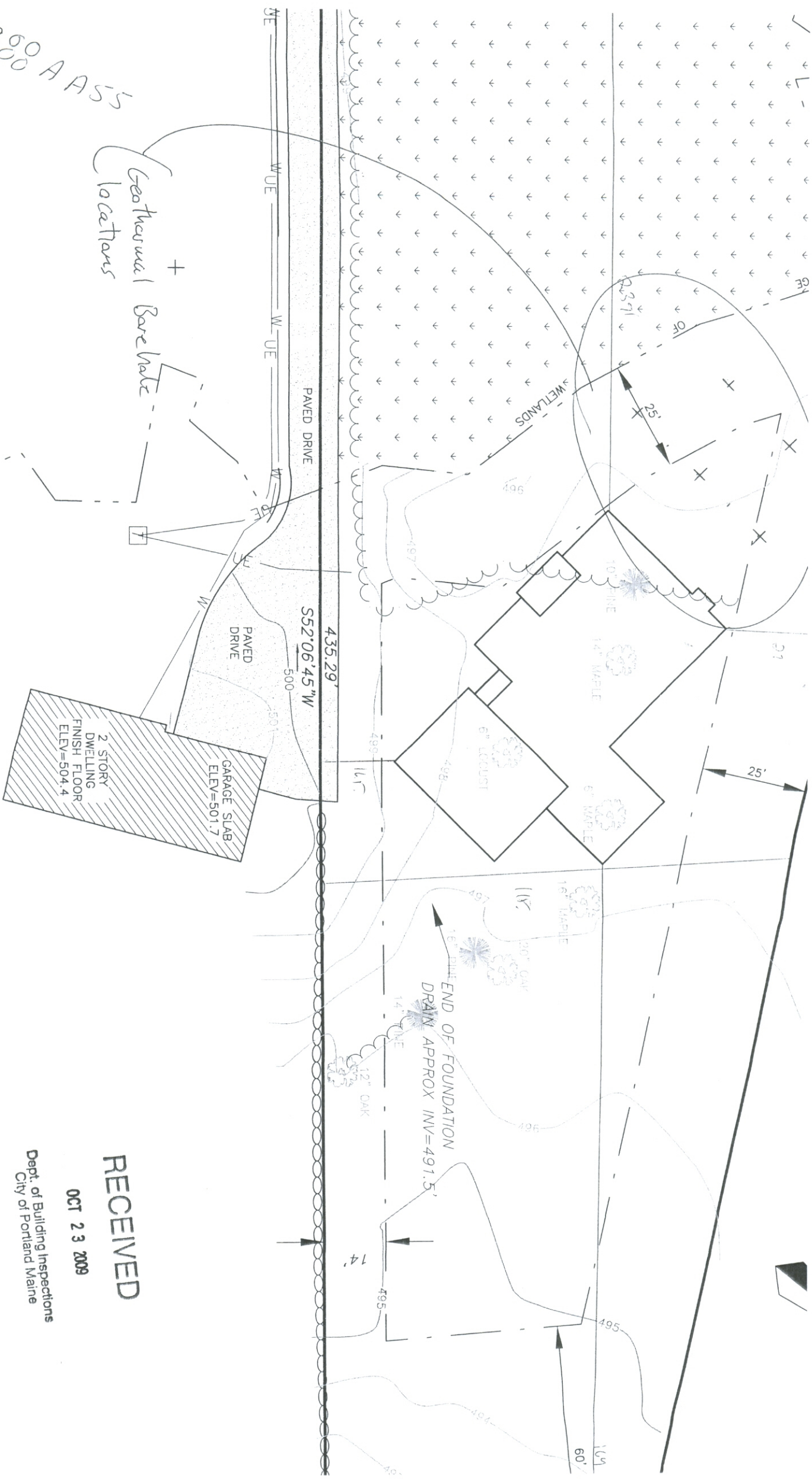
System will have two heating and cooling zones, one for first floor, one for second floor. Cellar will have some heat but not be zoned.

Zoning will be thermostatically controlled by automatic duct dampers. Registers and returns will be located in floor on first floor, supply registers will be located in ceilings of each second story room, return locations will be located as design dictates.

Domestic Hot water system will have 80 gallon electric hot water tank, and will be plumbed with desuperheater for assisting with domestic hot water production.

300 A 55

Geothermal
Boreshole
Locations



RECEIVED

OCT 23 2009

Dept. of Building Inspections
City of Portland Maine