

FINALED 2/21/12

MECHANICAL PERMIT * MEC12-00019
JOB ADDRESS: 4250 CARILLON POINT

CLASS OF WORK: Alter/Replace
TYPE OF USE: Commercial
CODE EDITION: 2009 IMC
OCCUPANCY TYPE:

APPLICANT
CARILLON PROPERTIES 425-822-1700
4100 CARILLON POINT
KIRKLAND, WA 98033

Request an inspection before 3 p.m. for the next business day following the request.
Requests made after 3 p.m. will be scheduled on the 2nd business day following the request.
425-587-3605 or www.mybuildingpermit.com

CONTRACTOR
PSR-HVAC & MECHANICAL SERVICES 206-367-2500
PO BOX 27073 PSRHVMS924JT
SEATTLE, WA 98165

PROJECT DESCRIPTION:
Install (1) new 5 ton heat pump for new server room and relocate (1) existing heatpump for server room. All interior work.

MECHANICAL FIXTURES

Water Heater (gas)	0
Cooktop/Oven	0
Range	0
BBQ	0
Clothes Dryer (gas)	0
Gas Outlets	0
Gas Piping	N
Duct System	Y
Ventilation System	

Furnace	0
T Stat Control Wire	Y
Gas Unit/Wall Heater	0
Wood Stove/Fireplace	0
Gas Fireplace/Insert	0
Log Lighter	0
Heat Pump	1
Noise Compliant?	Y
Air Conditioner	0
Noise Compliant?	
Boiler	0

Fuel Types:

Electric		
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MECHANICAL INSPECTIONS

See Inspection Card

PLANS? Yes - Enclosed

PERMIT CONDITIONS

- If a pressure reducing valve or check valve has been installed on the water system, a thermal expansion tank must be installed with any new or relocated hot water tank. The tank must be sized in accordance with the manufacturer's recommendations. If neither of the two devices is installed, then an affidavit signed by the contractor and the owner of the premises, attesting to the fact that neither of these devices exist, must be submitted to the Building Department. Ref: Uniform Plumbing Code Section 608.
- Hot water tanks must be provided with a pressure relief valve piped to the exterior of the building without trapping and terminating 6" to 24" above grade. Consult your Building Inspector if you have any questions on possible alternatives. Ref.: Uniform Plumbing code Section 608.
- GAS PIPING TEST MUST BE WITNESSED BY INSPECTOR. AFFIDAVIT WILL NOT SUFFICE.
Test Pressure: The test pressure to be used shall be no less than 1-1/2 times the proposed maximum working pressure, but not less than 3 psig (20 kPa gauge), irrespective of design pressure. Ref.: International Fuel Gas Code Section 406. and/or IRC Chapter 24.
Test Duration: Test duration shall be not less than 1/2 hour for each 500 cubic feet (14 m3) of pipe volume or fraction thereof. When testing a system having a volume less than 10 cubic feet (0.28 m3) or a system in a single-family dwelling, the test duration shall be not less than 10 minutes. Ref.: International Fuel Gas Code Section 406. and/or IRC Chapter 24.
- Hot water tanks must be secured against horizontal displacement (seismic straps). Ref.: Uniform Plumbing Code Section 508.2
- All appliances must be braced by rigid members in not less than two directions to prevent displacement in the event of seismic activity. In no case shall flues or vents be used to support or restrain equipment or appliances. Ref.: IMC and/or IRC.
- Insulation notes: Ducts in "unconditioned" spaces are to be insulated to not less than R4 (WSEC Table 5-11); water piping (hot and cold) in unconditioned spaces to be insulated to not less than R4 (WSEC Section 503).
- Combustion air is required for all fuel-burning appliances in accordance with Chapter 7 of the International Mechanical Code and/or International Residential Code Chapter 17.

FEES

Type	Amount	By	Date	Receipt #
MPLC	\$95.95	SJL	2/2/2012	319021
MEC4	\$383.78	SJL	2/2/2012	319021
TECH	\$6.24	SJL	2/2/2012	319021

TOTAL FEES: \$ 485.97

Accounting Receipt No.: _____

This permit shall expire according to the expiration date below per KMC 21.06.255. Any sales tax reported to the State in association with this project should be coded to the City of Kirkland tax location code 1716. I certify that the information furnished by me is true and correct to the best of my knowledge and the applicable City of Kirkland requirements will be met:

OWNER OR AGENT: [Signature]

DATE: 2/21/12

Application Date: 02/02/2012

Expiration Date: 02/07/2014

Date Issued: 02/07/2012

CONCRETE Footings - Setback	by	PLUMBING Groundwork / Hyd Heat	by	MECHANICAL Rough In 2/16/12 PJA
Foundation Walls	by	D.W.V.	by	mech final by
S.O.G. Insulation	by	Water Line	by	gas piping by
		Service Line	by	refr piping 2/17/2012 by PJA
SHEATHING		INSULATION		SUSPENDED CEILING
ext walls	by	floors	by	date by
roof	by	walls	by	WALLBOARD NAILING
floor	by	attic	by	date by
FRAMING		Membrane / Flashing	by	FINAL INSPECTION
date	by	Ext Lath / Gyp Sheathing	by	date 2/21/2012 by PJA
Sub-Floor framing		Footing / Stm Drains	by	FIRE DEPT.
date	by			fire stop / caulking by

2/16/2012 [ROUGH MEC
CEILING CUR
DUCT INSPECTION] PJA

2/17/2012 - VENTILATION TEST PJA
BALANCE REPORT PENDING PJA



PERMIT NO.: MEC12-00019

DATE: 02/07/2012

PERMIT CONDITIONS AS FOLLOWS:

- 1) All mechanical units shall comply with the maximum environmental noise levels established pursuant to the Noise Control Act of 1974, Revised Code of Washington (RCW) 70.107. See Chapter 173-60 Washington Administrative Code (WAC). A link to the WAC and RCW is available at www.kirklandpermits.net.
- 2) All development activity and heavy equipment operation is restricted to 7:00 a.m. to 8:00 p.m. Monday through Friday, and 9:00 a.m. to 6:00 p.m. Saturday. Other restrictions on Saturday include: no working in the right-of-way, no work requiring inspection, and no trucking into or out of the site; however, light grading work on-site on Saturday is allowed. NO development activity or heavy equipment operation may occur on Sundays or the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.
- 3) *BLDG. DEPT. CONDITIONS Contact Darrell Harmon PH# 425-587-3612*

Conditions noted below are part of the approved plans and shall remain attached to them at all times. The approval of plans and specifications does not permit the violation of any section of the International Building Code, International Mechanical Code, International Fire Code, or any City of Kirkland regulation or state law. Corrections as indicated below, along with the unchanged information shown on the drawings, must be complied with. In addition, since this correction sheet is a review aid, it shall not be used in lieu of the above mentioned codes, regulations, and laws. Therefore, code compliance with all noted applicable code sections on this correction sheet, as well as other applicable code sections not specifically noted, shall be required. The approved plans shall not be changed, modified, or altered without authorization from the building official. The approved plans are required to be on the job site.

- 4) See approved plans for balance of Building Department comments.
- 5) A. Inspection(s) required -
ONLINE - Next day inspection requests submitted online by 3:00 PM are available at www.mybuildingpermit.com, click on the "inspections" tab at the top of the page.
TELEPHONE - call by 3:00 PM for a next day inspection 425-587-3605 (24 hours a day)
Do not rely on cell phones for inspection requests.
- 6) Separate Electrical Permit and inspection is required.
- 7) Building shall be designed to structurally support, in addition to the live load requirements of the I.B.C., all dead loads including building service equipment. Any additional dead loads including building service equipment not designed for on the structural drawings, approved by City of Kirkland, shall not be permitted until revised drawings and calculations are resubmitted and approved by City of Kirkland prior to construction. Evidence of structural adequacy shall be kept at the job site for City of Kirkland building inspector's review prior to any equipment setting.
- 8) Chilled water, refrigerant, or brine piping shall be insulated to comply with Washington State Energy Code (W.S.E.C.).
- 9) All work is subject to field inspection.
- 10) Do not cover any repaired or replaced areas prior to Building division inspection and approval.
- 11) Refrigerant piping shall be subject to pressure test in accordance with International Mechanical Code Section and IRC.