RESIDENTIAL MECHANICAL VENTILATION DESIGN SUMMARY

LOCATION OF INSTALLATION

Lot #	Plan #
Township	
Roll #	Permit #
Address	

BUILDER

Name
Address
City
Tel. Fax

INSTALLING CONTRACTOR

Name
Address
City
Tel. Fax

COMBUSTION APPLIANCES 9.32.3.1(1)

a) Direct vent (sealed combustion only) _____
b) Positive venting induced draft (except fireplaces) _____
c) Natural draft, B-vent or induced draft fireplace _____
d) Solid Fuel (including fire-places) _____
e) No Combustion Appliances ___

HEATING SYSTEM

Forced Air _____
Non Forced Air _____
Electric space Heat _____

HOUSE TYPE 9.32.3.1 (2)

I Type a) or b) appliances only, no solid fuel _____
II Type I except with solid fuel (including fireplace) _____
III Any Type c) appliance _____
IV Type I, or II with electric space heat _____
OTHER: Type I, II or IV no forced air _____

TOTAL VENTILATION CAPACITY 9.32.3.3.(1)

Bsmt & Master Bdrm	_____ @ 10L/s	_____	L/s
Other Bedrooms	_____ @ 5L/s	_____	L/s
Bathrooms & Kitch	_____ @ 5L/s	_____	L/s
Other Rooms	_____ @ 5L/s	_____	L/s
	Total	_____	L/s

PRINCIPAL VENTILATION CAPACITY 9.32.3.4 (1)

Master Bedroom	_____ @ 15 L/s	_____	L/s
Other Bedrooms	_____ @ 7.5 L/s	_____	L/s
	Total	_____	L/s

PRINCIPAL EXHAUST FAN CAPACITY

Model:		Location:
_____ L/s	_____ Sones	_____ HVI

HEAT RECOVERY VENTILATOR

Model:	
_____ L/s High	_____ L/s Low
_____ % Sensible Efficiency @ -25	_____ HVI

SUPPLEMENTAL VENTILATION CAPACITY

Total Ventilation Capacity	_____	L/s
Less Principal Vent. Capacity	_____	L/s
Required Supplemental Vent. Cap.	_____	L/s

SUPPLEMENTAL FANS 9.32.3.5

Location	Model	L/s	Sones	HVI

SYSTEM DESIGN OPTION

1	Exhaust Only/Forced Air System _____
2	HRV with Exhaust Ducts/Forced Air System _____
3	HRV Simplified Connection to Forced Air System _____
4	HRV - Full Ducting/Not Coupled to Forced Air System ___
	Part 6 Design _____

DESIGNER CERTIFICATION

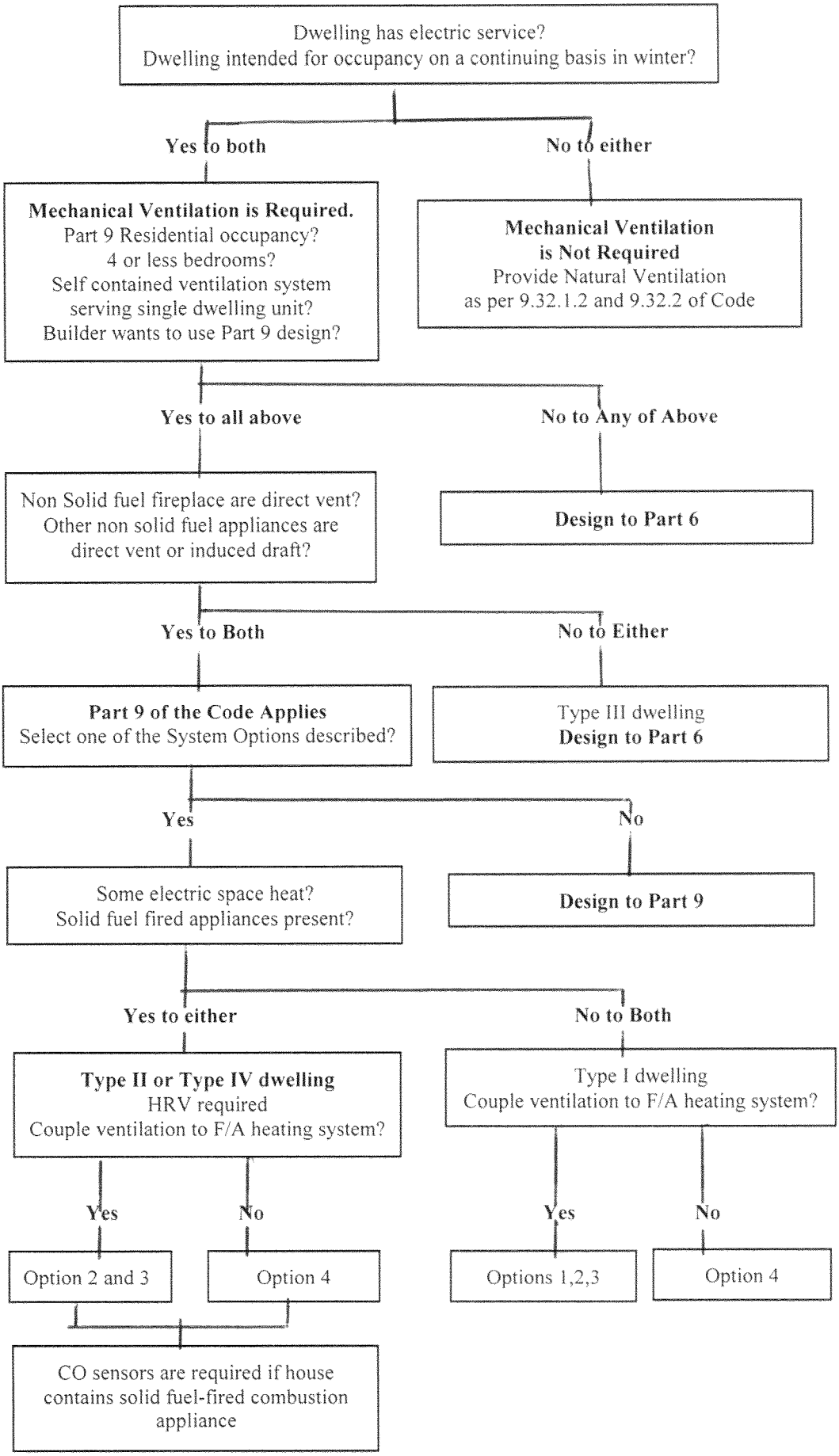
I hereby certify that this ventilation system has been designed in accordance with the Ontario Building Code.

Name _____

Signature _____

HRAI# _____ Date _____

VENTILATION SYSTEM DECISION TREE



HOUSE TYPES

TYPE I
Only direct vented or mechanically induced draft fuel-fired combustion appliances; no solid fuel-fired combustion appliances; only direct vented fuel-fired fireplaces; no electric space heat.

TYPE II
Type I houses which contain solid fuel-fired combustion appliances.

TYPE III
All houses containing natural draft non-solid fuel-fired combustion appliances or mechanically vented induced draft non-solid fuel-fired fireplaces.

TYPE IV
All houses that contain electric space heating, except Type III houses.

OPTIONS

OPTION 1
Exhaust only ventilation

OPTION 2
HRV coupled to a forced air heating system. Extended exhaust ductwork

OPTION 3
HRV coupled to a forced air heating system. Simplified exhaust ductwork.

OPTION 4
HRV not coupled to a forced air heating system.