Illustration #5

New Construction Energy Code Compliance Certificate

Per N1101.8 Building Certificate. A building certificate shall be posted in a permanently visible location inside the building. The certificate shall be completed by the builder and shall list information and values of components listed in Table N1101.8. For detailed information on how to correctly complete this form go to *www.bamn.org/energycode*

BUILDERS ASSOCIATION OF MINNESOTA
Developed by the Builders Association of Minnesota for use by the residential construction industry.

Mailing Address of Dwelling or Dwelling Unit _____ City _____ Date Certificate Posted _____

Name of Residential Contractor _____ MN License Number _____

THERMAL ENVELOPE

Insulation Location	Total R-Value of All Types of Insulation	Type: Check All That Apply								Other, Please Describe Here
		Non or Not Applicable	Fiberglass, Blown	Fiberglass, Batts	Foam, Closed Cell	Foam, Open Cell	Mineral Fiberboard (*drainage board*)	Rigid, Extruded Polystyrene	Rigid, Isocynurate	
Below Entire Slab		☐	☐	☐	☐	☐	☐	☐	☐	
Foundation Wall *Circle Location: Interior/Exterior/Integral*		☐	☐	☐	☐	☐	☐	☐	☐	
Perimeter of Slab on Grade		☐	☐	☐	☐	☐	☐	☐	☐	
Rim Joist (*Foundation*) *Circle Location: Interior/Exterior/Integral*		☐	☐	☐	☐	☐	☐	☐	☐	
Rim Joist (*1st Floor+*) *Circle Location: Interior/Exterior/Integral*		☐	☐	☐	☐	☐	☐	☐	☐	
Wall		☐	☐	☐	☐	☐	☐	☐	☐	
Ceiling, flat		☐	☐	☐	☐	☐	☐	☐	☐	
Ceiling, vaulted		☐	☐	☐	☐	☐	☐	☐	☐	
Bay windows or other cantilevered areas		☐	☐	☐	☐	☐	☐	☐	☐	
Bonus room over garage		☐	☐	☐	☐	☐	☐	☐	☐	
Describe other insulated areas										

RADON SYSTEM

☐ Passive (No Fan)
☐ Active (With fan and monometer or other system monitoring device)

Windows & Doors

Average U-Factor (*excludes 15 sq. ft., skylights and one door*) U: _____
Solar Heat Gain Coefficient: _____

Heating or Cooling Ducts Outside Conditioned Spaces

☐ Not applicable, all in conditioned space
☐ R – _____

MECHANICAL SYSTEMS

Appliances	Heating System	Domestic Water Heater	Cooling System
Fuel Type			
Manufacturer			
Model			
Rating or Size	Input in BTUS:	Capacity in Gallons:	Output in Tons:
Structure's Calculated	Heat Loss:	--Not Applicable--	Heat Gain:
Efficiency	AFUE or HSPF%:	--Not Applicable--	SEER: Calculated cooling load:

Mechanical Ventilation System

Describe any additional or combined heating or cooling systems if installed: (e.g. two furnaces or air source heat pump with gas back-up furnace) _____

Select a Type

☐ Heat Recover Ventilator (HRV) Capacity in cfms: Low ___ ___ ___ /High ___ ___ ___
☐ Energy Recover Ventilator (ERV) Capacity in cfms: Low ___ ___ ___ /High ___ ___ ___
☐ Continuously exhausting fan(s) rated capacity in cfms: ___ ___ ___
Location of fan(s) check all that apply: ☐ Master bathroom ☐ Hallway ☐ Other describe: _____

Capacity

Continuous ventilation rate = ___ ___ ___ cfm
Total ventilation (intermittent + continuous) rate = ___ ___ ___ ___ cfm

Make-up Air

Select a Type

☐ Not required per mechanical code
☐ Passive ☐ Powered
☐ Interlocked with exhaust device, describe _____
☐ Other, describe: _____

Location of duct or system:

_____

Cfm's [___ ___ ___]
Size of duct [___ ___] inch round
OR [___ ___] inch metal

Combustion Air

Select a Type

☐ Not required per mechanical code
☐ Passive
☐ Other, describe: _____

Location of duct or system:

_____

Cfm's [___ ___ ___]
Size of duct [___ ___] inch round
OR [___ ___] inch metal