

New Construction Energy Code Compliance Certificate

Per R401.3 Certificate. A building certificate shall be posted on or near the electrical distribution panel.

Date Certificate Posted:

Physical Address of the Dwelling or Dwelling Unit

City

Name of Contractor or Design Professional

MN License Number



THERMAL ENVELOPE

RADON CONTROL SYSTEM

Insulation Location	Total R-Value of all Types of Insulation	Insulation Thickness or Depth	Type: Check All That Apply										
			Non or Not Applicable	Cellulose/Fiberglass, Blown	Fiberglass, Batts	Foam, Closed Cell	Foam Open Cell	Mineral Fiberboard	Rigid, Extruded Polystyrene	Rigid, Isocyanurate			
Below Entire Slab													
Foundation Wall (Min. R-15)													
Vert. Per. of Slab on Grade (Min. R-10.1)													
Hor. Per. of Slab on Grade (Min. R-10.5)													
Rim Joist- 1st Floor (Min. R-15)													
Rim Joist- 2nd Floor+ (Min. R-15)													
Wall (Min. R-21)													
Ceiling, flat (Min. R-49)													
Ceiling, vaulted (Min. R-30-max 500 sq.ft)													
Bay Windows or cantilevered (Min. R-38)													
Floors over unconditioned area (Min. R-38)													

Passive (No Fan)

Active (Fan and monometer or other monitoring device)

Location (or future location) of Fan:

Other Please Describe Here

Building envelope tightness: Target=ACH50 <3.0	ACH50=	Duct system tightness: Target= ≤ 4cfm / 100 Sq. Ft. @25pa
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Windows (Min. U= .32) Doors (Min. U= .32) & Skylights (Min. U=.55)	Heating or Cooling Ducts Outside Conditioned Spaces (Min. R-8)
Avg. Window U-Factor:	Not applicable, all ducts located in conditioned space
Avg. Door U-Factor:	R-value:
Avg. Skylight U-Factor:	
Additional info:	

MECHANICAL SYSTEMS

Make-up Air Select a Type

Appliances	Heating System	Domestic Water Heater	Cooling System	Make-up Air
				Not required per mech. code
Fuel Type				Passive
Manufacturer				Powered
Model				Interlocked with exhaust device. Describe:
Rating or Size	Input in BTUS:	Capacity Gallons:	Output in Tons:	Other, describe:
Efficiency	AFUE or HSPF%	Energy Factor:	SEER /EER	Location of duct or system:
Residential Load Calculation	Heating Loss	Heating Gain	Cooling Load	
				Cfm's
				" round duct OR
				" metal duct

MECHANICAL VENTILATION SYSTEM

Combustion Air Select a Type

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):				Combustion Air
Select Type				Not required per mech. code
Heat Recover Ventilator (HRV) Capacity in cfm's:	Low:	High:		Passive
Energy Recover Ventilator (ERV) Capacity in cfm's:	Low:	High:		Other, describe:
Balanced Ventilation capacity in cfm's:				Location of duct or system:
Location of fan(s), describe:				Cfm's
Capacity continuous ventilation rate in cfm's:				" round duct OR
Total ventilation (intermittent + continuous) rate in cfm's:				" metal duct