New Construction Energy Per N1101 & Building Certificate A building		-					nside t	h : Date	Certif	ficate P	osted			
Per N1101.8 Building Certificate. A building certificate shall be posted in a permanently visible location inside the Date Certificate Posted building. The certificate shall be completed by the builder and shall list information and values of components listed in Table N1101.8										City of				
listed in Table N1101.8. Mailing Address of the Dwelling or Dwelling Unit						City								
Name of Residential Contractor						MN License Number							Tutchinaan/	
													1 Improvements	
THERMAL ENVELOPE												RAI	OON SYSTEM	
				Тур	pe: Check All That Apply							Passive (No Fan)		
			Jo s							ne				
			Total R-Value of all Types of Insulation	e						tyreı			Active (With fan and monometer or	
			all T	cabl	_		11		rd	olys	e		other system monitoring device)	
			le of	√ppli	lowi	atts	d Ce	Cell	rboa	led F	Rigid, Isocynurate			
Insulation Location			Valu	Non or Not Applicable	Fiberglass, Blown	Fiberglass, Batts	Foam, Closed Cell	Foam Open Cell	Mineral Fiberboard	Rigid, Extruded Polystyrene	ocyr			
			Total R-Va Insulation								id, Is			
			Tota	Non							Rigi	Other 1	Please Describe Here	
Below Entire Slab														
Foundation Wall												Type in	location: interior exterior or integral	
Perimeter of Slab on Grade														
Rim Joist (Foundation)												Type in location: interior exterior or integral		
Rim Joist (1 st Floor+) Wall												Type in	location: interior exterior or integral	
Ceiling, flat														
Ceiling, vaulted														
Bay Windows or cantilevered areas														
Bonus room over garage														
Describe other insulated areas														
Windows & Doors						Hea	ting	or Co	oolir	າg Dເ	ıcts C	Outside	e Conditioned Spaces	
Windows & Doors Average U-Factor (excludes skylights a	nd one door) U:				Hea							e Conditioned Spaces	
	nd one door) U:				Hea		applic					·	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC):	nd one door) U:				Hea	Not a	applic				ocated in	·	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS						Hea	Not a	applic				ocated in	n conditioned space	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC):	nd one door Heating Sy		Domestic	Water			Not a	applic	cable,	, all d		ocated in	n conditioned space	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS			Domestic	Water			Not a	applic lue	cable,	, all d		ocated in	n conditioned space	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances			Domestic	Water			Not a	applic lue	cable,	, all d		ocated in	o-up Air Select a Type Not required per mech. code	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer			Domestic	Water			Not a	applic lue	cable,	, all d		ocated in	r conditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device.	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type	Heating Sy						Not a R-va	application applications applic	cable,	, all d		ocated in	reconditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device. Describe:	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer			Domestic Capacity in Gallons:				Not a	application line State S	cable,	, all d		ocated in	r conditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device.	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model Rating or Size	Heating Sy Input in		Capacity in				Coo Outp	application line State S	cable,	, all d		Make	reconditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device. Describe:	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model	Heating Sy Input in BTUS: Heat Loss:		Capacity in				Coo Outp Tons:	appliculue Siling S Gain:	cable,	, all d		Make	r conditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device. Describe: Other, describe:	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model Rating or Size	Heating Sy Input in BTUS:		Capacity in				Coo Outp Tons: Heat	appliculue uut in Gain: R:	System	, all d		Make	r conditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device. Describe: Other, describe:	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model Rating or Size Structure's Calculated	Input in BTUS: Heat Loss: AFUE or		Capacity in				Coo Outp Tons: Heat SEEI	appliculue Siling S Gain:	System	, all d		Make	r conditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device. Describe: Other, describe:	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model Rating or Size	Input in BTUS: Heat Loss: AFUE or		Capacity in				Coo Outp Tons: Heat SEEI	appliculue Solution State Sta	System	, all d		Make	Passive Powered Interlocked with exhaust device. Describe: Other, describe:	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model Rating or Size Structure's Calculated	Input in BTUS: Heat Loss: AFUE or		Capacity in				Coo Outp Tons: Heat SEEI	appliculue Solution State Sta	System	, all d		Make	reconditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device. Describe: Other, describe: ion of duct or system:	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model Rating or Size Structure's Calculated Efficiency Mechanical Ventilation System	Input in BTUS: Heat Loss: AFUE or HSPF%	stem	Capacity in Gallons:		Heat	ter	Coo Outp Tons: Heat SEEI Calcicoolin	appliculue lling S Gain: R: ulated ng load	System	, all d		Make Locati	reconditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device. Describe: Other, describe: ion of duct or system: Cfm's " round duct OR	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model Rating or Size Structure's Calculated Efficiency Mechanical Ventilation System Describe any additional or combined h source heat pump with gas back-up furr	Input in BTUS: Heat Loss: AFUE or HSPF%	stem	Capacity in Gallons:		Heat	ter	Coo Outp Tons: Heat SEEI Calcicoolin	appliculue lling S Gain: R: ulated ng load	System	, all d		Make Locati	Powered Interlocked with exhaust device. Describe: Other, describe: Cfm's " round duct OR " metal duct	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model Rating or Size Structure's Calculated Efficiency Mechanical Ventilation System Describe any additional or combined heat pump with gas back-up furr Select Type	Heating Sy Input in BTUS: Heat Loss: AFUE or HSPF% eating or cochace):	stem	Capacity in Gallons:		Heat	nrnace	Coo Outp Tons: Heat Calculor Calc	appliculue Suppliculue Suppliculus Suppl	System	, all d		Make Locati	ronditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device. Describe: Other, describe: on of duct or system: Cfm's " round duct OR " metal duct bustion Air Select a Type Not required per mech. code Passive	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model Rating or Size Structure's Calculated Efficiency Mechanical Ventilation System Describe any additional or combined h source heat pump with gas back-up furr Select Type Heat Recover Ventilator (HRV) C	Heating Sy Input in BTUS: Heat Loss: AFUE or HSPF% eating or cochace):	stem	Capacity in Gallons: if installed: (Heat	ter	Coo Outp Tons: Heat Calcuccoolir High	appliculue Suppliculue Gain: Gain: ulated ang load	System	, all d		Make Locati	ronditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device. Describe: Other, describe: on of duct or system: Cfm's " round duct OR " metal duct Dustion Air Select a Type Not required per mech. code Passive Other, describe:	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model Rating or Size Structure's Calculated Efficiency Mechanical Ventilation System Describe any additional or combined h source heat pump with gas back-up furr Select Type Heat Recover Ventilator (HRV) C Energy Recover Ventilator (ERV)	Heating Sy Input in BTUS: Heat Loss: AFUE or HSPF% eating or cocace): Capacity in c	oling systems	Capacity in Gallons:		Heat	ter	Coo Outp Tons: Heat Calculor Calc	appliculue Suppliculue Gain: Gain: ulated ang load	System	, all d		Make Locati	ronditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device. Describe: Other, describe: on of duct or system: Cfm's " round duct OR " metal duct bustion Air Select a Type Not required per mech. code Passive	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model Rating or Size Structure's Calculated Efficiency Mechanical Ventilation System Describe any additional or combined h source heat pump with gas back-up furr Select Type Heat Recover Ventilator (ERV) Energy Recover Ventilator (ERV) Continuous exhausting fan(s) rate	Heating Sy Input in BTUS: Heat Loss: AFUE or HSPF% eating or cocace): Capacity in c	oling systems	Capacity in Gallons: if installed: (Heat	ter	Coo Outp Tons: Heat Calcuccoolir High	appliculue Suppliculue Gain: Gain: ulated ang load	System	, all d		Make Locati	ronditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device. Describe: Other, describe: on of duct or system: Cfm's " round duct OR " metal duct Dustion Air Select a Type Not required per mech. code Passive Other, describe:	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model Rating or Size Structure's Calculated Efficiency Mechanical Ventilation System Describe any additional or combined h source heat pump with gas back-up furr Select Type Heat Recover Ventilator (HRV) Coefficiency Energy Recover Ventilator (ERV) Continuous exhausting fan(s) rated Location of fan(s), describe:	Heating Sy Input in BTUS: Heat Loss: AFUE or HSPF% eating or cochace): Capacity in c Capacity in c	oling systems	Capacity in Gallons: if installed: (Heat	ter	Coo Outp Tons: Heat Calcuccoolir High	appliculue Suppliculue Gain: Gain: ulated ang load	System	, all d		Make Locati	Passive Powered Interlocked with exhaust device. Describe: Other, describe: Cfm's " round duct OR " metal duct Dustion Air Select a Type Not required per mech. code Passive Other, describe: Other, describe: Other of duct or system:	
Average U-Factor (excludes skylights a Solar Heat Gain Coefficient (SHGC): MECHANICAL SYSTEMS Appliances Fuel Type Manufacturer Model Rating or Size Structure's Calculated Efficiency Mechanical Ventilation System Describe any additional or combined h source heat pump with gas back-up furr Select Type Heat Recover Ventilator (ERV) Energy Recover Ventilator (ERV) Continuous exhausting fan(s) rate	Heating Sy Input in BTUS: Heat Loss: AFUE or HSPF% eating or cochace): Capacity in c Capacity in c arate in cfms:	oling systems fims: cfims:	Capacity in Gallons: if installed: (Heat	ter	Coo Outp Tons: Heat Calcuccoolir High	appliculue Suppliculue Gain: Gain: ulated ang load	System	, all d		Make Locati	ronditioned space -up Air Select a Type Not required per mech. code Passive Powered Interlocked with exhaust device. Describe: Other, describe: con of duct or system: Cfm's " round duct OR " metal duct coustion Air Select a Type Not required per mech. code Passive Other, describe: tion of duct or system:	