


# CITY OF RED WING

## BUILDING DEPARTMENT

*R401.3 Certificate: A building certificate shall be completed and posted on or in the electrical distribution panel by the builder or registered design professional.*

<b>Mandatory Building Certificate</b>				Date of Posting							
Address of Dwelling				City/State/Zip							
Name of Residential Contractor (or Owner if Self-Contracting)				Minnesota License Number							
<b>THERMAL ENVELOPE</b>											
Insulation Location				R-Value				Check All Types of Insulation That Apply and Describe Other Types as Necessary.			
								Describe Any Other Insulation Here.			
Below Entire Slab											
Foundation Wall											
Perimeter of Slab-on-Grade											
Rim Joist - First Floor											
Rim Joist - Second Floor											
Walls											
Ceiling - Flat											
Ceiling - Vaulted											
Bay Windows and/or Cantilevered Areas											
Floors Over Unconditioned Areas											
Describe Other Areas:											
<b>FENESTRATION: WINDOWS and DOORS</b>				<b>HEATING and/or COOLING DUCTS</b>				<b>RADON SYSTEM</b>			
Average U-Factor (exclude skylights & one door) U:				All Ducts Are in Conditioned Space: Yes / No				Passive - No Fan Installed			
Solar Heat Gain Coefficient (SHGC):				R-Value of Ducts Outside Conditioned Space: R =				Active - Fan & Monitoring Device			
Building Envelope Air Tightness				Duct System Air Tightness				Location of Fan (or Future Fan)			
<b>MECHANICAL SYSTEMS</b>								<b>MAKE-UP AIR</b>			
Appliances		Heating System		Domestic Water Heater		Cooling System		Not Required by Mechanical Code			
Fuel Type								Passive			
Manufacturer								Powered			
Model								Interlocked			
Rating or Size		Input BTUs:		Capacity:		Output Tons:¶		Other:			
Efficiency		AFUE/HSPF%: ¶				SEER/EER:		Location:			
Residential Load Calculations		Heat Loss		Heat Gain		Cooling Load		CFMs:			
								Duct Size:			
<b>MECHANICAL VENTILATION SYSTEM</b>								<b>COMBUSTION AIR</b>			
Heat Recovery Ventilator (HRV) - Capacity in CFMs:				Low:		High:		Not Required by Mechanical Code			
Energy Recovery Ventilator (ERV) - Capacity in CFMs:				Low:		High:		Passive			
Balanced Ventilation - Capacity in CFMs:								Other:			
Describe Fan Location(s):								Location:			
Continuous Ventilation Rate in CFMs:								CFMs:			
Total Ventilation (Intermittent + Continuous) Rate in CFMs:								Duct Size:			
Describe Additional or Combination Heating or Cooling Systems (e.g., two furnaces, heat pump with gas back-up, etc.):											