

New Construction Energy Code Compliance Certificate

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

Date Certificate Posted



| | |
|--|-------------------|
| Mailing Address of the Dwelling or Dwelling Unit | City |
| Name of Residential Contractor | MN License Number |

| THERMAL ENVELOPE | | | | | | | | RADON CONTROL SYSTEM | | |
|-----------------------------------|--|----------------------------|-------------------|-------------------|-------------------|----------------|--------------------|-----------------------------|--------------------|---|
| Insulation Location | Total R-Value of all Types of Insulation | Type: Check All That Apply | | | | | | | | Passive (No Fan) |
| | | Non or Not Applicable | Fiberglass, Blown | Fiberglass, Batts | Foam, Closed Cell | Foam Open Cell | Mineral Fiberboard | Rigid, Extruded Polystyrene | Rigid, Isocynurate | Active (With fan and monometer or other system monitoring device) |
| Below Entire Slab | | | | | | | | | | Location (or future location) of Fan: |
| Foundation Wall | | | | | | | | | | Other Please Describe Here |
| Perimeter of Slab on Grade | | | | | | | | | | |
| Rim Joist (1st Floor) | | | | | | | | | | |
| Rim Joist (2nd Floor+) | | | | | | | | | | |
| Wall | | | | | | | | | | |
| Ceiling, flat | | | | | | | | | | |
| Ceiling, vaulted | | | | | | | | | | |
| Bay Windows or cantilevered areas | | | | | | | | | | |
| Floors over unconditioned area | | | | | | | | | | |
| Describe other insulated areas | | | | | | | | | | |

| | |
|----------------------------------|----------------------------|
| Building envelope air tightness: | Duct system air tightness: |
|----------------------------------|----------------------------|

| | |
|---|--|
| Windows & Doors | Heating or Cooling Ducts Outside Conditioned Spaces |
| Average U-Factor (excludes skylights and one door) U: | Not applicable, all ducts located in conditioned space |
| Solar Heat Gain Coefficient (SHGC): | R-value |

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

| MECHANICAL VENTILATION SYSTEM | | | | | | Combustion Air <i>Select a Type</i> | |
|--|--|------|--|-------|--|-------------------------------------|-----------------------------|
| 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): | | | | | | | Not required per mech. code |
| Select Type | | | | | | | Passive |
| | Heat Recover Ventilator (HRV) Capacity in cfm's: | Low: | | High: | | | Other, describe: |
| | Energy Recover Ventilator (ERV) Capacity in cfm's: | Low: | | High: | | | Location of duct or system: |
| | Balanced Ventilation capacity in cfm's: | | | | | | |
| | 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 |