

**2020 MECHANICAL CODE WORKSHEET FOR NEW HOMES**

**THIS WORKSHEET MUST BE COMPLETED BY THE MECHANICAL CONTRACTOR**

*This worksheet and applicable make-up air and/or combustion air worksheets must be Completed and provided with the permit application. Provide information on all applicable items.*

**GAS PIPING:**

TYPE INSTALLED: \_\_\_\_\_

**FURNACE 1:**

BTU \_\_\_\_\_ EFF. RATING \_\_\_\_\_ DIRECT VENTED \_\_\_\_\_ POWER VENTED \_\_\_\_\_

**FURNACE 2:**

BTU \_\_\_\_\_ EFF. RATING \_\_\_\_\_ DIRECT VENTED \_\_\_\_\_ POWER VENTED \_\_\_\_\_

**AIR HANDLER:**

MANUFACTURER \_\_\_\_\_ MODEL# \_\_\_\_\_

**BOILER:**

ELECTRIC: SIZE \_\_\_\_\_

GAS: BTU \_\_\_\_\_ EFF. RATING \_\_\_\_\_ DIRECT VENTED \_\_\_\_\_ POWER VENTED \_\_\_\_\_

**FIREPLACE:**

WOOD: MANUFACTURER \_\_\_\_\_ MODEL# \_\_\_\_\_ VENTING TYPE \_\_\_\_\_

GAS 1: SIZE \_\_\_\_\_ DIRECT VENTED \_\_\_\_\_ POWER VENTED \_\_\_\_\_

GAS 2: SIZE \_\_\_\_\_ DIRECT VENTED \_\_\_\_\_ POWER VENTED \_\_\_\_\_

**GARAGE HEATER:**

ELECTRIC: SIZE \_\_\_\_\_

GAS: SIZE \_\_\_\_\_ DIRECT VENTED \_\_\_\_\_ POWER VENTED \_\_\_\_\_

**VENTILATION SYSTEM (balanced system required):**

HRV: MANUFACTURER \_\_\_\_\_ MODEL# \_\_\_\_\_ TOTAL CFM \_\_\_\_\_ CONT. \_\_\_\_\_

ERV: MANUFACTURER \_\_\_\_\_ MODEL# \_\_\_\_\_ TOTAL CFM \_\_\_\_\_ CONT. \_\_\_\_\_

Circle one

VENT. FAN: MANUF. \_\_\_\_\_ MODEL# \_\_\_\_\_ LOCATION \_\_\_\_\_ CFM \_\_\_\_\_ intake/ex.

VENT. FAN: MANUF. \_\_\_\_\_ MODEL# \_\_\_\_\_ LOCATION \_\_\_\_\_ CFM \_\_\_\_\_ intake/ex.

**EXHAUST FANS:**

BATH/UTILITY FAN: LOCATION \_\_\_\_\_ CFM \_\_\_\_\_

BATH/UTILITY FAN: LOCATION \_\_\_\_\_ CFM \_\_\_\_\_

BATH/UTILITY FAN: LOCATION \_\_\_\_\_ CFM \_\_\_\_\_

OTHER: LOCATION \_\_\_\_\_ CFM \_\_\_\_\_

**RANGE HOOD:**

MANUFACTURER \_\_\_\_\_ MODEL# \_\_\_\_\_ CFM \_\_\_\_\_

**MAKE-UP AIR:** Make-up air must be sized in accordance with the state mechanical code CH 1346, worksheet 501.4.1 and Table 501.4.2 A completed copy of worksheet 501.4.1 must be provided.

PASSIVE \_\_\_\_\_ LOCATION \_\_\_\_\_ SIZE \_\_\_\_\_

POWERED \_\_\_\_\_ MANUF. \_\_\_\_\_ MODEL# \_\_\_\_\_ LOCATION \_\_\_\_\_ CFM \_\_\_\_\_

**COMBUSTION AIR:** Worksheet E-1 must be provided if combustion appliances (including water heater) are atmospheric or fan assist/power vented type (NA for electric or direct vented appliances).

Combustion air ducts must be sized in accordance with the 2015 state mechanical code CH 1346 Appendix E, Worksheet E-1 (attached) and a copy must be provided.

SIZE (dia.) \_\_\_\_\_ METAL \_\_\_\_\_ FLEX \_\_\_\_\_

**EQUIPMENT SIZING:** Heating Loss \_\_\_\_\_ Heating Gain \_\_\_\_\_ Cooling Load \_\_\_\_\_

\_\_\_\_\_ Heating and cooling equipment was sized in accordance with ACCA manual S based on building loads calculated in accordance with ACCA manual J and a copy is attached.

\_\_\_\_\_ Heating and cooling equipment was sized by other approved and accepted methods. Describe:

*I acknowledge that to the best of my ability all of the information or statements provided is true and accurate.*

Date \_\_\_\_\_ Name (print) \_\_\_\_\_ Signature \_\_\_\_\_

Company \_\_\_\_\_

Address of new home project: \_\_\_\_\_