

MIDVALE CITY BUILDING INSPECTION

655 WEST CENTER ST - MIDVALE CITY, UT 84047

(801) 567-7210 - (801) 567-0518 (Fax)

MECHANICAL SIZING INFORMATION

PERMIT NUMBER: _____

ADDRESS: _____ LOT NUMBER: _____

NAME OF CONTRACTOR/DESIGNER: _____

PHONE NUMBER: () _____ FAX NUMBER: () _____

1. VENT HEIGHT: _____

2. **BOILER OR FURNACE INPUT RATING:** Min. (Derated*) _____ Max.(Plate Rating) _____

CONNECTOR RISE: _____ CONNECTOR RUN: _____

CONNECTOR SIZE: _____ () DOUBLE WALL () SINGLE WALL

NO. & DEGREE ELBOWS BEYOND TWO 90° _____

2a. **BOILER OR FURNACE #2 INPUT RATING:** Min. (Derated*) _____ Max.(Plate Rating) _____

CONNECTOR RISE: _____ CONNECTOR RUN: _____

CONNECTOR SIZE: _____

NO. & DEGREE ELBOWS BEYOND TWO 90° _____

3. **WATER HEATER INPUT RATING:** _____

CONNECTOR RISE: _____ CONNECTOR RUN: _____

CONNECTOR SIZE: _____ () DOUBLE WALL () SINGLE WALL

NO. & DEGREE ELBOWS BEYOND TWO 90° _____

3a. **WATER HEATER #2 INPUT RATING:** _____

CONNECTOR RISE: _____ CONNECTOR RUN: _____

CONNECTOR SIZE: _____ () DOUBLE WALL () SINGLE WALL

NO. & DEGREE ELBOWS BEYOND TWO 90° _____

4. TOTAL BTU INPUT OF ALL APPLIANCES: _____

5. COMMON VENT SIZE FOR THE SYSTEM: _____

6. COMBUSTION AIR SIZE (METHOD USED): _____

* Deration multiplier for Midvale area (.83)

NOTE: IF A MANIFOLD IS USED TO CONNECT THE APPLIANCES ON THE HORIZONTAL IT SHALL BE THE SAME SIZE AS THE VENT

PROVIDE COMPLETE GAS PIPE LAYOUT AND SIZING DETAIL ON REVERSE SIDE.

THIS FORM MUST BE COMPLETED AND APPROVED

TO THE BEST OF MY KNOWLEDGE, I CERTIFY THAT THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS TRUE AND CORRECT AND MEETS THE REQUIREMENTS OF THE CURRENTLY ADOPTED MECHANICAL CODE

SIGNATURE OF CONTRACTOR/DESIGNER

DATE

SUPPLY TWO COPIES

ALL APPLIANCES REQUIRED BY MANUFACTURER TO BE DERATED/ALTITUDE ADJUSTED HAVE BEEN/WILL BE COMPLETED

SIGNATURE OF CONTRACTOR/DESIGNER

DATE

THIS FORM SHALL BE ON SITE AT TIME OF INSPECTION

SIZING EXAMPLES

Figure 62 is an example of a typical common vent system, consisting of a draft hood equipped water heater, and a fan-assisted Category I furnace.

