



**SIZING OF HEATING AND COOLING EQUIPMENT AND DUCTS**

**INSTRUCTIONS**

This form shall be completed and submitted to the field inspector for the following residential projects:

- new construction
- additions
- complete remodels (all interior walls and ceilings are removed, or home square footage is changed )
- complete new ac systems

Please note the form must be presented before the final mechanical inspection can be approved.

**CODE INFORMATION**

Below is an excerpt from the 2012 International Residential Code pertaining to this requirement:

***M1401.3 Sizing.** Heating and cooling equipment and appliances shall be sized in accordance with ACCA Manual S based on building loads calculated in accordance with ACCA Manual J or other approved heating and cooling calculation methodologies.*

***M1601.1 Duct design.** Duct systems serving heating, cooling and ventilation equipment shall be installed in accordance with the provisions of this section and ACCA Manual D or other approved methods.*

PLAN 3891	PARAGON HOMES	<b>PROJECT INFORMATION</b>	
<b>Address:</b> 307 EAST 26TH STREET		<b>Project Number:</b> 19014120	
<b>Square Feet:</b> 1ST-2ND-3RD 3448		<b>Number of Rooms:</b> 17	

<b>HVAC EQUIPMENT SELECTION</b>	
<b><u>Cooling Equipment:</u></b>	<b><u>Heating Equipment:</u></b>
<b>Type:</b> AIR CONDITIONER Air Conditioner, Heat Pump	<b>Type:</b> GAS Gas, electric, LP
<b>Model:</b> 4TTR6061	<b>Model:</b> S8X1C100M5PSAAA
<b>Serial:</b>	<b>Serial:</b> 18501R20HG
<b>Total Cooling Capacity:</b> 61,000	<b>Total Heating Output:</b> 80,000
<b>Total number of systems:</b> 1-5 Ton (e.g., 1- 3 ton system, 2 -5 ton systems)	

<b><u>ACKNOWLEDGEMENT</u></b>	
<i>(Must be completed and signed by the HVAC licensee)</i>	
I declare for the above mentioned address the load calculations, equipment selection, and duct design were rigorously performed in accordance with ACCA Manual J or other approved heating and cooling calculation methodologies.	
I declare for the above mentioned address the duct sizing shall be installed in accordance with ACCA Manual D or other approved methods.	
Company Name: <b>ALPINE AIR, INC.</b>	
Printed Licensee's Name: <b>J.D. REED</b>	HVAC Contractor License #: <b>TACLA1839C</b>
Licensee's Signature:	Date: <b>JULY 22, 2019</b>