On the plans show details of equipment installed in the attic. The following provisions should be considered. M1305.1.3

**Note:**
See IRC section M1307.2 for seismic support and attachment of a furnace installed within attic trusses.

In attic furnace installations, where the unit is not rigidly attached to the structure, lateral bracing must be provided - typically straps running at a 45° angle from each corner of the unit to rigid framing members and tight enough to prevent horizontal movement. Concerns about vibration must be addressed with isolation devices, not by omitting required supports.

**Lighting and receptacle outlet:**
Must be provided per IRC M1305.1.3.1.

**Furnace or other appliance**

**Equipment disconnect switch**
Check condensate drain requirements.

**Service area:**
Level, at least 30 inches deep and 30 inches wide, on all sides of appliance where access is required.

**Clearances from combustible construction:**
Per manufacturer’s installation instructions: may require 26 gauge steel pan deck over plywood decking.

**Ceiling joists to be evaluated to handle loading of equip.***

**Light switch near access opening**

**Passageway:**
To be unobstructed, have continuous solid flooring not less than 24 inches wide. Distance from access to equipment cannot exceed 20 feet.

**Trusses:** required to be designed for load bearing.

**Insulation:** insulation and ventilation space is required below.

**Attic access:**
Large enough for removal of largest appliance, with a minimum of 22 inches by 30 inches opening.

**Note:** Combustion air is required for all fuel burning appliances (IRC M1701.1).

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**GENERAL INFORMATION:**
- This tip sheet reflects code requirements per the 2012 International Residential Code (IRC).
- The intent of this sheet is to provide a general understanding of the requirements and does not address the subject in great detail.
- For additional information please call 735-7238