

Gas Equipment Bulletin: Acceptable Methods of Pipe Support on a Flat Roof

ITS 21-009

Rationale: To illustrate acceptable methods of protecting gas piping installed outdoors on a flat roof from mechanical damage and/or stresses resulting from expansion and contraction caused by weather changes.

Pipe support should be provided according to Clause 6.25 and Table 6.2 of the current CSA B149.1. The method of support should be of a design acceptable to the current inspecting authority.

Treated wood saw cuts should be protected by end cut treatment.

Refer to Figure (B) as an example, and Figure (A) for methods of supporting pipe at threaded fittings on the next page.

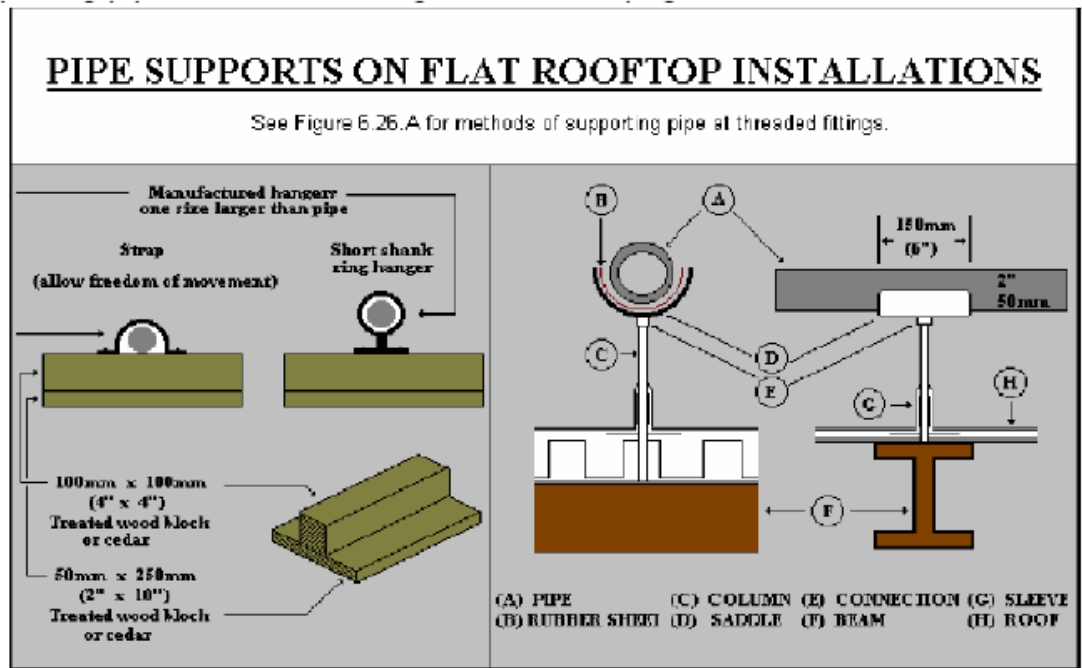


Figure (A)

Piping less than 3/4" NPS should not be installed on a roof, with the exception of the final appliance connection including the appliance(s) swing joint which may be less than 3/4" provided no hazard could exist.

Note: Moving snow loads and ice on sloped roofs have been known to damage or break piping.

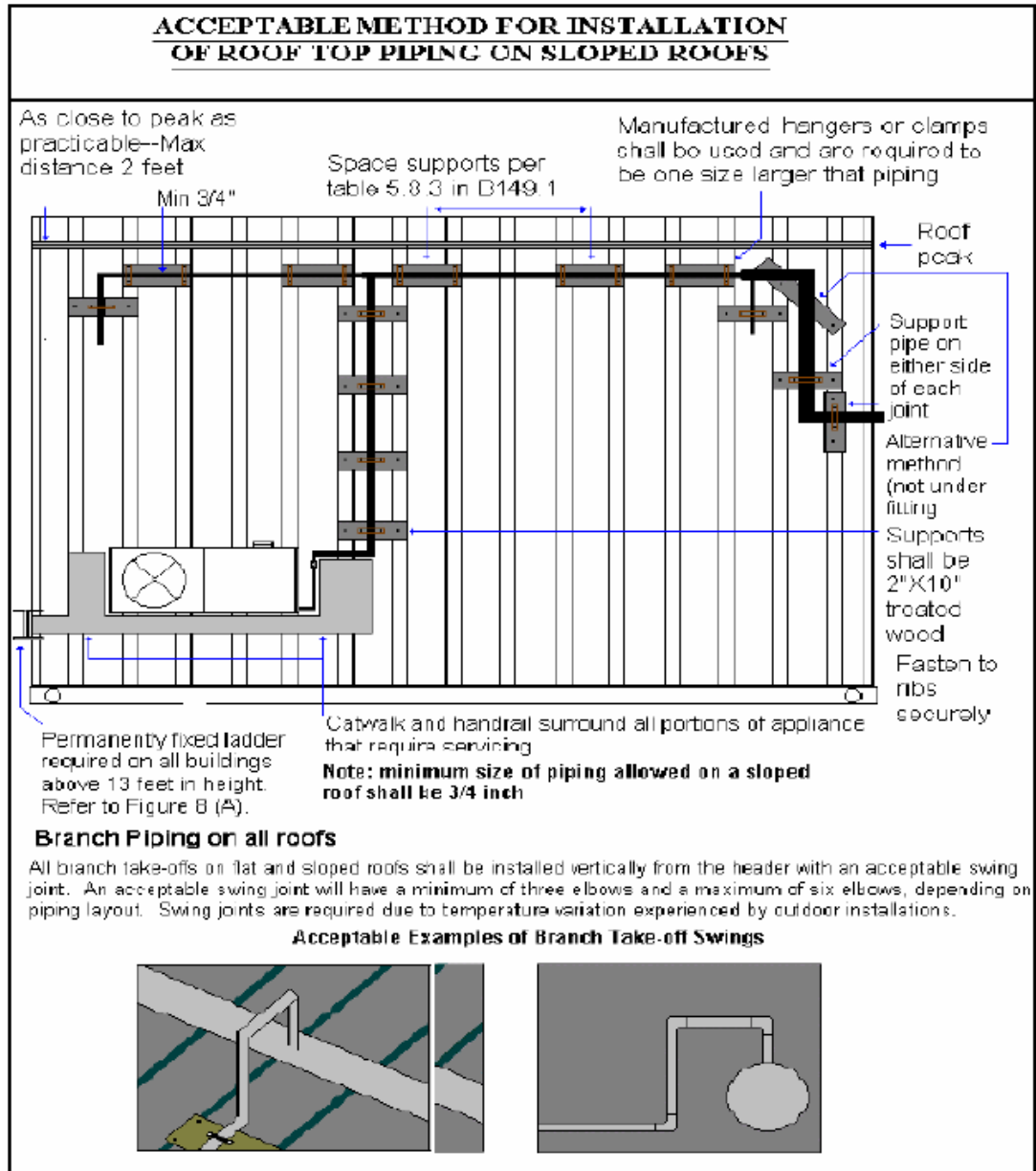


Figure (B)