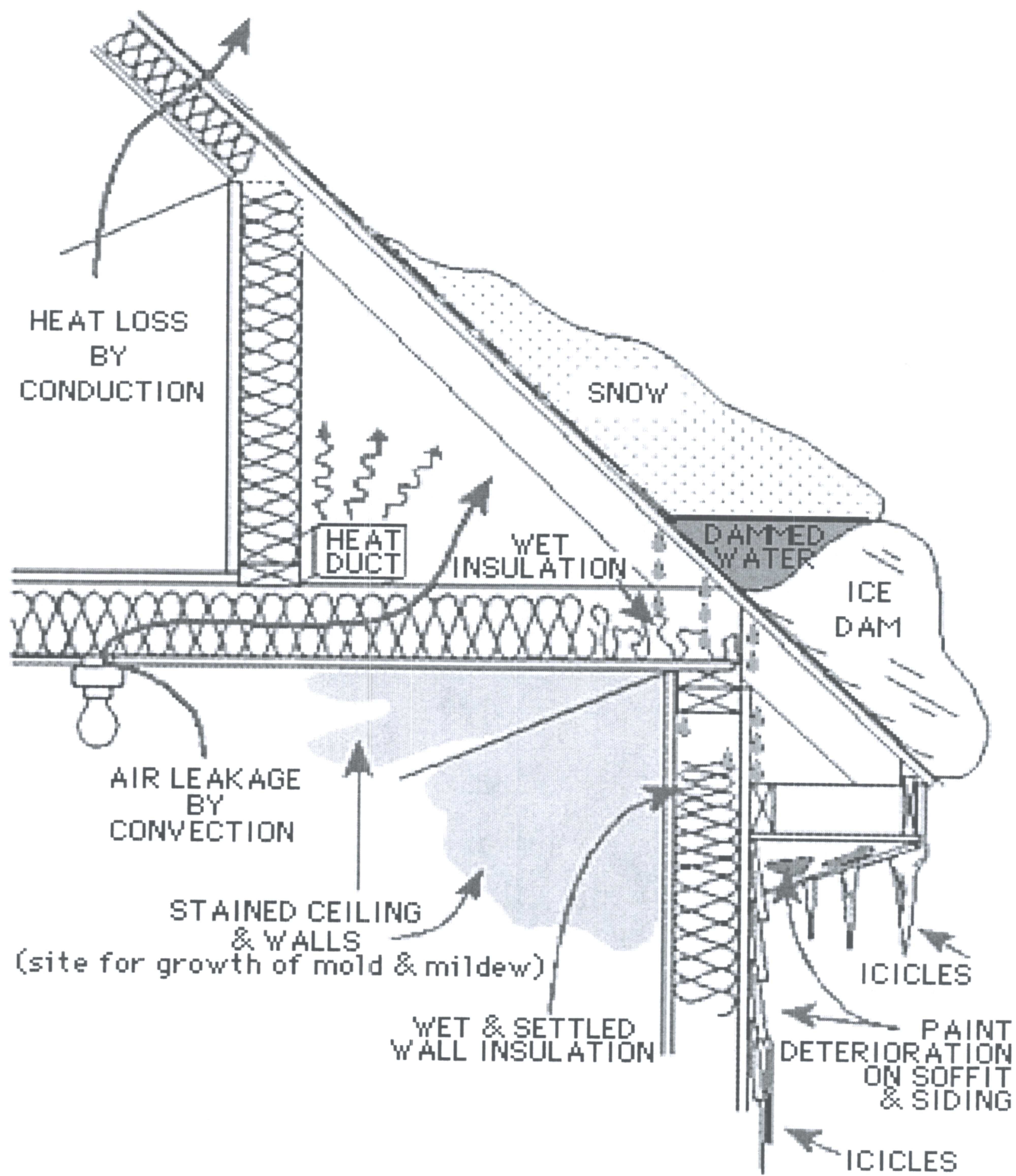


Cause of Ice damming.



Long term solution for Ice Damming

- **Add insulation in the attic. The optimum level is R-44.**
- **Check existing insulation to make sure it has not gotten wet. Remove any wet insulation and repair roof leaks immediately.**
- **Insure that attic vents are not blocked. You want the attic to stay cool to reduce snow melt.**
- **When the weather is suitable, consider applying an under layer of waterproofing shingles or an ice and water shield along the roof edges.**
- **Find and seal any hidden air leaks inside your home that are allowing warm air into the attic. These leaks, called attic bypasses, are commonly found around fan housings, electrical boxes and fixtures, stairway walls and places where plumbing and heating ducts go through walls. Caulk or cover these areas with a piece of sheetrock cut to size.**
- **Heating tape or de-icing cable can temporarily reduce ice when run along eaves, roof valleys, downspouts and gutters. They aren't a good long-term solution; however, as the increase in electricity consumption is quite noticeable.**

Additional Ice removal techniques include: (these are short term methods)

- **Ice melt in stockings in strategic areas can help melt existing ice.**
- **Raking or sweeping snow off of roofs can decrease the amount of ice on roofs and in gutters.**
- **In emergencies (water is entering the unit/house) you can use a hose to spray water on the ice to melt it. This only works if the outside temperature is above freezing.**