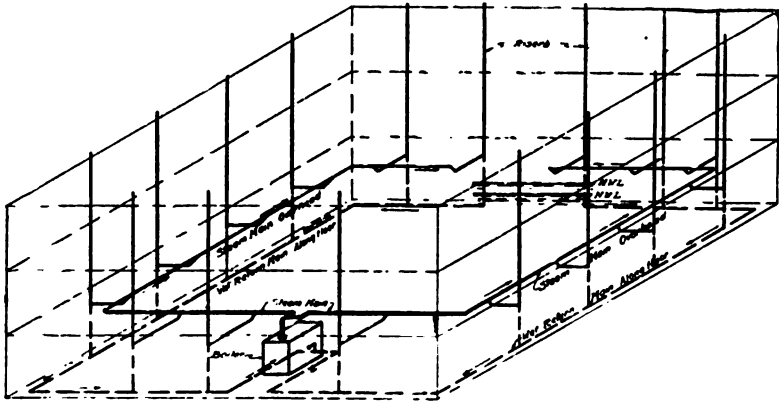


ONE-PIPE RELIEF SYSTEM.



For larger jobs, where the area is considerable, but the height of the building low, a system termed the "one-pipe relief" system is used. This is shown in the illustration and consists of a steam main run around the basement ceiling, pitched with the flow of steam. Every riser in this scheme is dripped at the bottom and is supplied by a runout taken from the bottom of the steam main so as to drip the main at every riser connection. Thus the steam main does not carry any condensation from the radiators, and has its own condensation dripped at frequent intervals.

The return mains for the "one-pipe relief" system are usually run along the walls near the floor and as nearly under the risers as practical. The return should be a wet return, but if a dry return is absolutely necessary the drips should all be water-sealed before connecting thereto.