

DESCRIPTION.—In houses of the iron frame construction all possible parts are constructed of iron. Flat iron posts bolted together set in concrete form the supporting members for eaves, etc. Flat iron rafters run from these wall supports to the ridge, being held together with angle iron purlins. The sash bars are of wood and are attached to this iron frame work. In a few words, this construction simply is a frame of iron which supports the sash bars on which the glass is laid. It has been found that metal cannot take the place of wood in manufacturing; owing to the expansion and contraction of the metal in different weathers.



Iron frame construction—showing the iron member which acts as the supporting part of the house. Solidity is the feature here.

For this reason wooden bars are used to support the glass, and thus breakage is checked.

Different manufacturers vary somewhat in the forms of iron that are used, some using flat iron others T iron and others ordinary galvanized pipe for their supporting members. The majority of growers seem to favor the flat iron rafter house, that is a strip of iron runs from wall post to the ridge at intervals of eight feet four inches or thereabouts. As a rule this distance has been found to be the farthest apart that these iron members may be set without sacrificing strength and support. These iron frame houses are all bolted together, so that once the