shall be not less than twenty-five inches thick above the foundation walls to the height of forty feet, or to the nearest tier of beams to that height, thence not less than twenty-one inches thick to the height of seventy-five feet, or to the nearest tier of beams to that height, and thence not less than seventeen inches thick to the top. If over one hundred feet in height and not over one hundred and twenty-five feet in height, the walls shall be not less than twenty-nine inches thick above the foundation walls to the height of forty feet, or to the nearest tier of beams to that height, thence not less than twenty-five inches thick to the height of seventy-five feet, or to the nearest tier of beams to that height, thence not less than twenty-one inches thick to the height of one hundred and ten feet, or to the nearest tier of beams to that height, and thence not less than seventeen inches thick to the top. If over one hundred and twenty-five feet in height and not over one hundred and fifty feet, the walls shall be not less than thirty-four inches thick above the foundation walls to the height of thirty feet, or to the nearest tier of beams to that height, thence not less than twenty-nine inches thick to the height of sixty-five feet, or to the nearest tier of beams to that height, thence not less than twenty-five inches thick to the height of one hundred feet, or to the nearest tier of beams to that height, thence not less than twenty-one inches thick to the height of one hundred and thirty-five feet, or to the nearest tier of beams to that height, and thence not less than sixteen inches thick to the top. If over one hundred and fifty feet in height, each

If over 100 feet in height.

If 125 feet and over in height.

150 feet in height.

additional twenty-five feet in height, or part thereof next the foundation walls, shall be increased four inches in thickness, the upper one hundred and fifty feet of wall remaining the same as specified for a wall of that height.

13G. If there is to be a clear span of over twenty-five feet between the bearing walls, such walls shall be four inches more in thickness than in this ordinance specified for every twelve and one-half feet or fraction thereof that said walls are more than twenty-five feet apart, or shall have, instead of the increased thickness, such piers or buttresses as, in the judgment of the Inspector of Buildings, may be necessary.

Clear span of over 20 feet, etc.

13H. The walls of buildings of a public character shall be not less than in this ordinance specified for warehouses with such piers or such buttresses, or supplemental columns of iron or steel, as in the judgment of the Inspector of Buildings may be necessary to make a safe and substantial building.

Walls of public buildings.

13I. In all stores, warehouses and factories over twenty-five feet in width between walls there shall be brick partition walls or girders supported on iron, steel or wood columns, or piers of masonry.

Stores, factories, etc.

13K. In all stores, warehouses or factories, in case iron, steel, or wood girders supported by iron, steel or wood columns, or piers of masonry, are used in place of brick partition walls, the building may be seventy-

Girders supported by iron, steel or wood columns.