

and the treads about $10\frac{1}{2}$ in. in width. This rule should be strictly adhered to in all staircases, as a variation of a quarter of an inch will make the greatest difference in the ease of ascent and descent.

In most cases where two or more floors are occupied a lift is necessary as a means of raising and lowering heavy merchandise. The lift should be placed against the rear wall, or the wall that is on a lane or driveway, so that it will be convenient for the proper handling of goods that are being received or shipped. The lift, and for that matter the elevator as well, should always be placed in a different position to that occupied by the staircase, so that the danger resulting from the two being close together in case of fire may be averted. There is always more or less draught up the elevator shaft, which makes it dangerous during a fire, as the flames are quickly drawn up what becomes a huge flue. For this reason the stairs, which are often the only means of escape, should not be built in connection with an elevator, although there are too many cases where this rule is not adhered to. The elevator shaft should always be covered with a skylight, so that in case of fire the flames will be drawn up rather than diverted through the building. It would also be advisable to have iron doors on every floor which could be closed in case of fire.

To come back to the floor plan again. To what purpose can the upper floors be devoted? The answer, of course, depends largely upon the requirements and the amount of space to be had. The ground floor should in all cases be devoted to those lines of goods that the public are most frequently in need of. Such lines as a merchant must keep more or less in stock, and for which there is only a limited or occasional demand, may be placed on the upper floors, such as carpets and other accessories for the furnishing of the household; a certain amount of ready-made clothing, hats, caps, etc., and in all probability several other articles; but, of course, these suggestions are all subject to modification as the

merchant himself will, in the majority of cases, decide such matters for himself. The references to the staircase and elevators at the beginning of this article are to be considered in connection with the two plans which accompanied a former article. In the next the store plan with light at front and rear only will be taken up, with some suggestions on heating and lighting.

MONTREAL COTTON MILLS EXTENSION.

The extensive additions now being made to the plant of The Montreal Cotton Mills Co., at Valleyfield, are progressing rapidly, and soon the output of this concern will be increased by about 60 per cent. A large number of the new looms are now in position and are doing excellent work. The balance are being placed as rapidly as possible. These are what are known as the Draper loom, made by The Northrup Loom Co. of Canada, and, while requiring more skilled labor to operate than do the ordinary loom, they are so much superior for all plain or striped goods that they are destined to replace the usual English or American loom. The new mill is running on an extensive line of sateens, ducks, drills, percalines, etc.

IMPROVING THEIR PLANT.

Not to be overdone by their competitors, The Canadian Colored Cotton Mills Company are making extensive changes and improvements in their plant. The St. Croix mill is being thoroughly overhauled and new, up-to-date machinery installed preparatory to the manufacture of fancy woven cotton goods, which will include some patterns and fancy effects never heretofore made in Canada.

An extension is also being made to the Cornwall mill in order to accommodate some of the coarser grades, which will be crowded out of the St. Croix mill upon the newer goods being made the leading lines there.

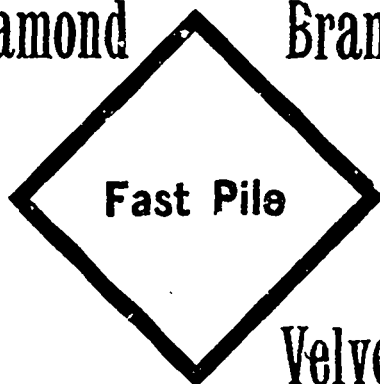
KNOX, MORGAN & CO.

...**W**HOLESAL
DRY GOODS

Hamilton, Ont.

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THE
Diamond Brand



Velveteens

EXCLUSIVELY OUR OWN.

The following popular numbers always kept in stock:

BLACK

Premier, 18 in., 15½c.
Rose, 19 in., 19½c.
Empress, 22 in., 25c.
Belle, 22 in., 28½c.
Imperial, 24 in., 37½c.
Kaiser, 24 in., twilled back, 47½c.

COLORED

X, 18 in., 19½c. All the leading shades.
Super, 24 in., 37½c. All the leading shades.

We contracted for Fall stock prior to the advance in prices, and are prepared to fill orders at above quotations, while stock lasts.

Letter Orders receive careful attention.