

# A Notable Example of Factory Construction

Abundant Daylight, Improved Sanitation and Comfort of Employees  
Are Features of This Building

THE new reinforced concrete factory building erected by the McCormick Manufacturing Company at London, Ontario, is an example of the ideal attained in factory construction in Canada. In it a pleasing architectural effect has been combined with utility, strength and durability. The main portion of the building is approximately three hundred and fifty-four feet long by ninety-one feet in depth, with the wings in the rear. Exclusive of the basement, the building is four stories in height. Provisions for extensions have been made to amply take care of the future expansion of the business.

The whole exterior is of white terra cotta tile, attached to the reinforced concrete structural frame, and steel sash. The combination of reinforced concrete with steel sash affords maximum daylight, proper ventilation and greatest permanency. The arrangement of the panes harmonizes with the general architectural features, and at the same time gives the maximum available area for lighting. A large amount of ventilation is secured by means of specially designed pivoted ventilators.

The floor construction is of what is known as flat slab design, and consists of solid reinforced concrete slabs, with no beams projecting underneath to cut off the daylight. The floor slabs are seven inches in thickness, and are designed for a live load of one hundred and fifty pounds per square foot. In the packing room, where heavier loads are anticipated, the floor slab is nine inches in depth and designed to carry two hundred and fifty pounds per square foot. Circular, spirally-wound, hooped columns, with flaring capitals,

have been used throughout the interior of the building. Casting a twelve-inch flue in the core of a number of these columns in the north-west wing of the building was an interesting feature in reinforced concrete column design.

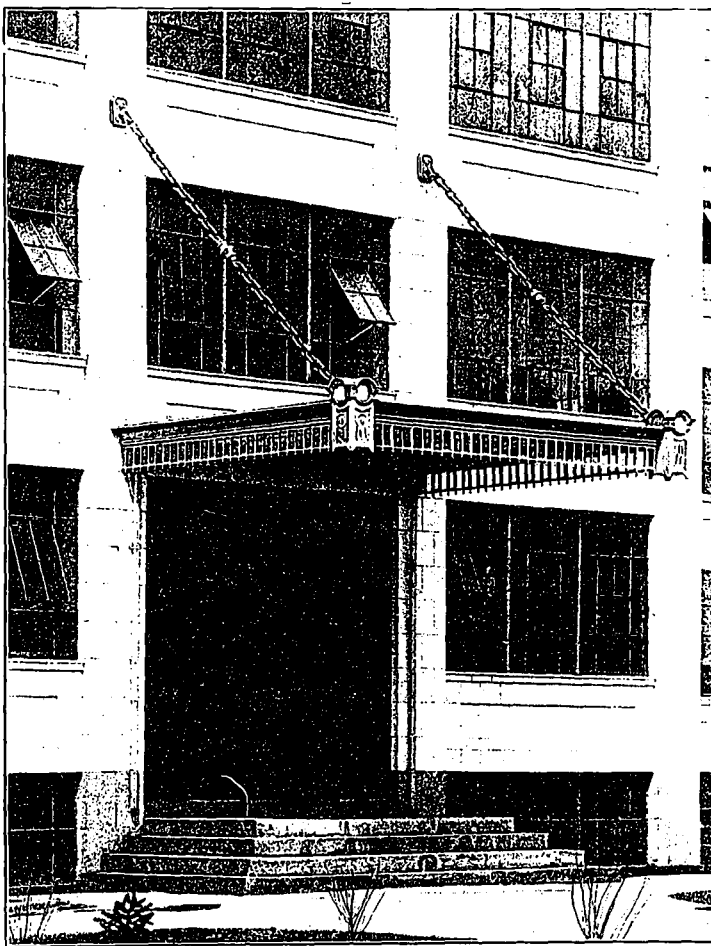
The fireproof qualities have been carried out in all parts of the building, even to the interior partitions, which are of metal lath plastered to the required thickness with cement mortar. Metal lath is also used in the suspended ceiling

over the oven room. The stairs also are of solid concrete construction, with the concrete steps being moulded in place. Kahn system standard design was employed throughout in the reinforced concrete work.

When planning this new building, perfection was the aim, and apparently the architects have attained their ideal. The design shows study and a careful placing of any ornamentation, and showing a strong vertical feeling, and presents an unusual and attractive appearance; the main entrance being accented by the tower portion.

Passing into the main entrance, one is confronted with a most attractive lobby.

with tile floor, oak trim; ranged around this lobby are built-in showcases, of leaded glass design, displaying all the different brands of the firm's confections. On either side of this lobby are placed the private and general business offices, all finished in quarter-cut oak, and on either side of these are placed the employees' entrances. The remainder of the first floor is utilized for shipping rooms, mixed candy department, cold storage and stock rooms, while at the rear is the oven room. This portion is



MAIN ENTRANCE, SHOWING MARQUISE, MCCORMICK CO., LTD., LONDON, ONT.  
WATT & BLACKWELL, ARCHITECTS, LONDON, ONT.