

PROGRESS VIEW SHOWING GYPSUM BLOCK PARTITIONS AND HOLLOW TILE FLOORS WITH CINDER FILL AND NAILING STRIPS FOR HARDWOOD FINISH. OFFICE BUILDING OF JOHN BERTRAM & SONS COMPANY, DUNDAS, ONT.

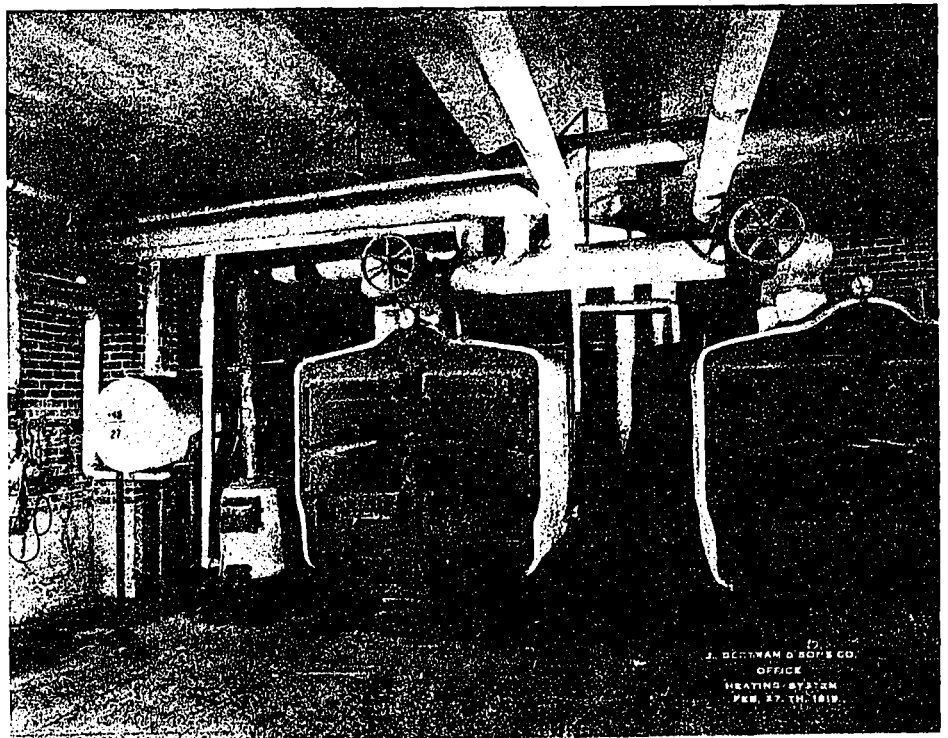
length, the building is 60 ft. high. The lower sash is of the counterbalanced type, while above this are alternating rows of fixed and operating frames, the latter being controlled by chains at the floor level.

The new pattern storage building is located at the south end of the property, and is 102x102 ft. and four storeys high. It is constructed of concrete, reinforced with twisted bars according to the two-way system, and is designed to carry two additional floors. Gypsum blocks are used where partitions are required. On the ground floor is a shop 102 x 40 ft. for making patterns, and a brick-paved driveway, which enables the yard teams to load and unload inside the building. The upper floors, which are served by an electric elevator, are used entirely for the storage of stock and special patterns.

A vacuum heating system heats the various buildings. Drinking fountains, stationary basins and lavatories are provided throughout the plant in connection with each department. All buildings are equipped with an automatic sprinkler system, having an average pressure of 75 lbs., and fed by a water tower of 75,000 gallons capacity. This tower is connected by a 10-inch main to the town's water supply. Hydrants and hose reels are also distributed about the premises so as to meet every re-

quirement for adequate fire protection.

In enlarging its plant facilities, the company has also been placed under the necessity of providing additional accommodation for its office staff. For this purpose a separate building has been erected to the north of the plant on Hatt street. This office building is a two-storey structure, 113 x 55 ft., and is designed to carry an additional storey. Tapestry brick of a soft red color flecked with darker tones and trimmed with granite and Indiana limestone is used for the exterior, and well-kept lawns surround the building. Eighteen large offices are provided, in addition to a board-room, photographing-room and a draughting-room. The partitions are of gypsum block, and the floors are of hollow



BOILERS.