



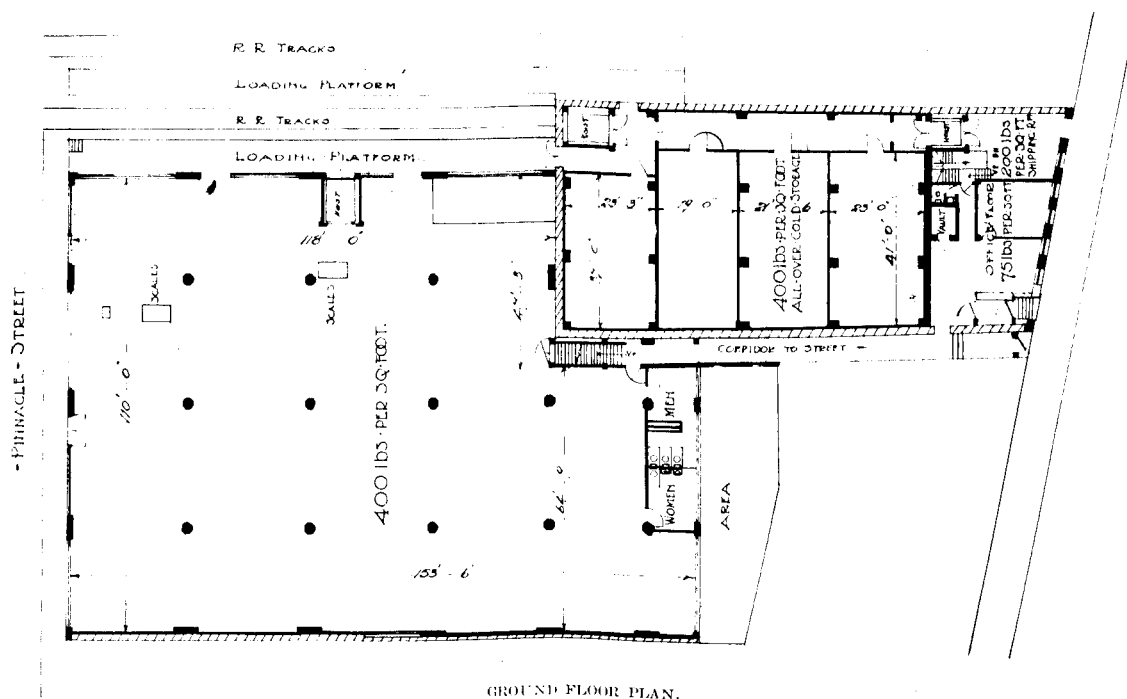
REAR VIEW, COLD STORAGE AND WAREHOUSE OF GRAHAM LIMITED, BELLEVILLE, ONT.

as may be seen in the photograph of the rear of the warehouse. A special bracket was cast on the outside of one of the wall columns to carry the metal chimney in such a way that it did not interfere with the headroom to the loading platform, and at the same time was outside of the building on the upper floors. The 30 foot floor slab designed for 200 lbs. per square foot was carried to 400 lbs. per square foot live load, without sign of permanent deflection.

In the cold storage, three storeys and basement, the old walls were re-used to enclose the concrete skeleton which consisted of flat slab structure of 18 x 22 ft. spans, designed for 400

lbs. square foot live load. The various rooms, cooling corridors, floors and the entire skeleton were insulated by varying thicknesses of cork-board. Rooms designed to maintain temperatures from zero to 34 degrees Fahrenheit, are cooled by means of direct expansion; the coils being located on the ceiling and provided with the usual drip pans. The refrigerating plant and boilers are located in the corner of the warehouse adjacent to the cold storage section.

The offices and warehouse are heated with direct steam radiation. All the wiring throughout the buildings is in conduits, with the exception of the cold storage which is wired in open knob and tube work according to the usual



GROUND FLOOR PLAN.