## The Hochelaga Power House of the Montreal Street Railway

WRITTEN FOR THE CANADIAN MANUFACTURER BY HARRY L. SHEPHERD, MONTREAL.

The new power station is situated on Notre Dame street, two and one-half miles east of McGill street. The building is a brick, steel and concrete structure, 60 feet in height, with a ground area of 180 feet by 150 feet, and is made of fireproof material throughout, the window frames and sash being of cast iron glazed with wire glass. The floors are of reinforced concrete, supported by steel floor beams. The doors of the building are covered with sheet iron. An offset on the south side of the building forms the cable house, in which the switchboard is located. If necessary for the 2,000 K.W. Canadian General Electric ditimate capacity of the power house. The present capacity of the station, including the future 2,000 K.W. unit, is one-half of the ultimate capacity of the station, including the future 2,000 K.W. unit, is one-half of the ultimate capacity of the power house. The present capacity of the station, including the future 2,000 K.W. unit, is one-half of the ultimate capacity. The present capacity of the station, including the future 2,000 K.W. unit, is one-half of the ultimate capacity of the station, including the future 2,000 K.W. unit, is one-half of the ultimate capacity of the station, including the future 2,000 K.W. unit, is one-half the building can be extended eastward, densor hot wells and a concrete tunnel means of gates operated by hand

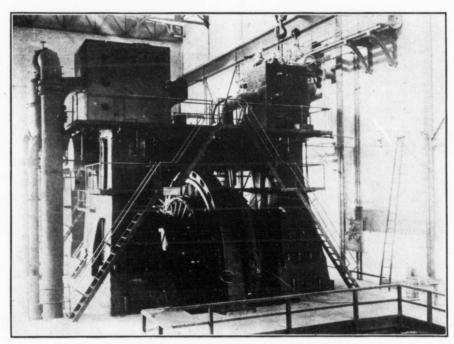


Fig. 1,-The 2000 K, W. Canadian General Electric Unit.

and to allow for this the east end has been closed in with a temporary board wall covered with sheet iron. The building foundations, the engine and auxiliary foundations, tunnels, walls, the condensation of the engine room, the engine and auxiliary foundations, tunnels, walls, the first tell pipe carries the discharge water the switchboard gallery, which is 8 from the condensation of the engine room basement tunnel discharges into a reservoir located under the cable house basement in the offset of the engine room basement tunnel discharges into a reservoir located under the cable house basement than the condensation of the engine room basement tunnel discharges into a reservoir located under the cable house basement than the condensation of the engine room basement tunnel discharges into a reservoir located under the cable house basement than the condensation of the engine room basement tunnel discharges into a reservoir located under the cable house basement than the condensation of the engine room basement tunnel discharges into a reservoir located under the cable house basement than the condensation of the engine room basement tunnel discharges into a reservoir located under the cable house basement than the condensation of the engine room basement tunnel discharges into a reservoir located under the cable house basement than the condensation of the engine room basement tunnel discharges into a reservoir located under the cable house basement than the condensation of the engine room basement tunnel discharges into a reservoir located under the cable house basement than the condensation of the engine room basement tunnels. etc., are all of reinforced concrete.

tunnels, walls, steel pipe carries the discharge water the switchboard gallery, which is 8 from the condensors to the River St. feet above the engine room floor. A Lawrence, a distance of about one hun-portion of the bus structure, the field

GENERAL LAYOUT OF THE PLANT.

The plant is divided into two parts by a brick and steel division wall, the engine room and the switchboard gallery being to the south and the boiler room to the north.

On the main floor of the engine room there are one 1,000 K.W. Canadian