

MILL BUILDINGS

An important branch of the company's activities is the design, manufacture and erection of mill buildings and workshops for industrial concerns. The various shops and plants illustrated in the catalogue together with the short list of leading customers given on p. 12 serve to indicate the scope and magnitude of the company's work in this respect. On the page opposite this are shown views of the new plant of the Canadian Car & Foundry Company built during 1913 at Fort William, Ontario. This plant consisted of a main fabricating shop 3 bays wide and 900 feet (274 m) long a painting shop 2 bays wide and 700 feet (213 m) long with machine shop, boiler and power house 100 feet by 310 feet (33.5 x 103.6 m) attached. The bays in each case are 80 feet (24.38 m) wide except for the smaller shops. There is also a foundry building 380 feet long (115.8 m) and 115 feet wide (34.2 m) and a crane runway with a crane span of 80 feet (24.38 m) and a total length of 1020 feet (311 m). The total weight of steel in the framework of these buildings, not including the cranes, all of which were also supplied by the company, reaches about 1440 tons (1,028,000 kg). The photographs show the centre aisle of the main shop, the painting shop and the foundry all taken during erection.

The other cut shows a general view of the buildings of the Armstrong-Warworth plant recently installed at Longueuil, on the south shore of the St. Lawrence opposite Montreal. This plant is laid out as the beginning of a much more extensive series of shops for the manufacture of special steels. The general design was supplied by Mr. M. J. Butler, C. M. E., to whose instructions the company prepared plans and manufactured and erected about 693 tons (628,600 kg) of steel including a number of heavy 93 feet (28.3 m) roof cranes.