

metal frames and be glazed with wire glass, the brick wall will surround the working story of the elevator, and the cupola will be covered with galvanized corrugated steel. The equipment will include 10 elevator legs, using 20 x 7 x 7 in. cups. Five of these legs will be used for receiving grain, and all of them may be used for shipping. This gives a total elevating capacity of 100,000 bush. an hour. There will be five pair of power shovels for unloading the cars, a car puller with four drums to pull cars in either direction on either of two tracks, and two steel cleaning machines each with a capacity of 4,000 bush. an hour. The house will also be equipped with a passenger elevator and a sweeper system. Grain will be weighed in 10 hopper scales, each holding 2,000 bush. Two 36 in. belt conveyers in the cupola will distribute grain longitudinally of the house through the trolley spouts on the distributing floor. On the side of the elevator next to the Lachine canal, a

non-combustible marine tower will be built which will contain a marine leg capable of elevating 15,000 bush. of grain an hour. An extensive belt conveyer system will also be erected to deliver grain from the elevator to the vessels lying in the Windmill Point basin, through a total of 19 marine loading spouts. These belt conveyers will all be 36 in. concentrated belts, having a shipping capacity of 15,000 bush. an hour each; that is, the elevator can deliver to ships through its conveyers, 30,000 bush. an hour. Two loading spouts will also be provided to load barges in Lachine canal basin no. 1. All machinery will be driven by electric motors. The foundations, which are now in place, are of concrete, resting upon piles. With this new elevator at the Montreal terminus the company will be in a position to handle much more expeditiously and advantageously the export grain from the Canadian Northwest than has been practicable in the past.

SHIPPING MATTERS.

Marine and Navigation Votes.

The following amounts have been voted at the current session of the Dominion Parliament in connection with the marine interests of the Dominion:

Cornwall canal, enlargement	\$ 5,300
Gallips Rapids, completion of channel	8,000
North channel, forming channel, etc.	150,000
Sault Ste. Marie canal, construction	34,000
St. Lawrence river and canals	25,500
Trent canal, survey, etc.	2,640
Welland canal, improvements and provision of electric light plant, etc.	145,000
Lachine canal, improvements, etc.	7,300
Lake St. Louis, survey, etc.	4,100
Harbors and rivers—	
Quebec harbor, improvements	2,000
St. Lawrence ship channel	117,000
Montreal harbor, improvements	15,000
Port Colborne, Ont., harbor improvements	17,000
Port Arthur and Fort William, Ont., harbor improvements	32,000
St. Andrew's Rapids, Red River, Winnipeg	16,000

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