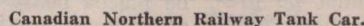


To Protect Bottom Flanges of girders
over railway tracks from the rapid deterioration due to the chemical action of smoke and gas, together with the erosive effects of engine blasts, it was found, after trying several other devices, that 7/8-in. plain oak sheathing held firmly in place by iron clamps, the sheathing being first covered on its upper side by a paste composed of red lead and Portland cement, was very satisfactory. As stated by L. M. Hastings, city engineer of Cambridge, Mass., the oak sheathing showed surprising resistance to the destructive action of the blast. Some pieces of oak taken from the bridge after 10 or 12 years exposure showed a loss of thickness of not more than 1/4 in.

Each end of tank is provided with a head 7/16 in. thick, flanged and dished and single rivetted to shell. The dome sheet is of 1/4 in. plate flanged and single rivetted. The dome head of 1/4 in. plate is



flanged and dished and single rivetted to dome sheet. The 5 in. double safety valve is rivetted directly to the dome sheet, and the tank outlet nozzle is fitted with valve and operating rod, valve being operated from dome with a malleable iron can. The tanks are tested before erection to 60 lbs. pressure per square inch, all seams being caulked.

The Montreal Warehousing Co's annual meeting was held at Montreal, Mar. 1. The directors for the current year are E. J. Chamberlin, President; H. G. Kelley, Vice President; J. E. Dalrymple, Frank Scott and John Pullen. The Manager and Secretary is C. J. Smith.