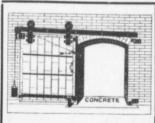
water service always at hand, always convenient. This benefit is the element which is usually termed the "readiness to serve," and the expense to the water department of its readiness to serve is always far greater than the mere cost of pumping and distributing water. Furthermore, the fixed charges and operating expenses for each meter service amount to several dollars per annum; and this expense, together with a sum sufficient to cover the "readiness to serve," is properly chargeable to each consumer, large or small, before the rate per gallon can fairly begin to apply.

To provide for these two expenses, the first method which naturally suggests itself is the establishment of a minimum meter rate. Here again there is a pitfall. If this minimum be too small it will not accomplish its purpose. If it be too large, or if the rate per gallon for small daily uses be too small, the average domestic consumer may draw far more water than he actually needs without paying more than the minimum rate; and this condition will destroy the usefulness of the meter as a means of checking waste.

To set meters wholesale, without due regard for the foregoing facts, would not only work an injustice to some classes of consumers, but might mean financial disaster to the water department; and this in turn would be a misfortune to the whole community.

To develop the full efficiency of the meter as a means of checking waste, and to make each consumer, large or small, pay his fair share of the total receipts of the work,

(Continued on page 16.)



### TO CONTRACTORS

We save you money and take all the responsibility on

#### TIN-CLAD FIREPROOF DOORS

We make the doors, cover them, supply the hardware, use an "ADJUST-ABLE HANGER," and hang the doors complete. All work strictly to the Underwriters Requirements.

We have every facility for their production, send us particulars.

A. B. ORMSBY, Limited

FACTORIES:
Corner Queen a George Sts., TORONTO
677-9-81 Notre Dame Ave., W., WINNIPEG.

The HANOVER PORTLAND CEMENT CO., Limited

## "SAUGEEN" BRAND

Prompt Shipments.

Write for Prices

OFFICE AND WORKS: HANOVER, ONTARIO.



# "Lehigh" Portland Cement

Capacity 20,000 Barrels Per Day.

The "Lebigh Portland Cement Company, Limited," are also now building a plant at Belleville, Ont., of 750,000 barrels annual capacity. Until this plant is completed all orders can be shipped from the United States. For prices, etc., address—

THORN CEMENT CO. - Buffalo, N.Y.

# REFUSE DESTRUCTORS

Complete Combustion — Perfect Sanitation Latest Improvements.

## STRUCTURAL STEEL AND BRIDGE WORK

HEENAN & FROUDE, Limited
Manchester, England

RICHARD A. TAUNTON, - 622 McINTYRE BLOCK WINNIPEC

SCHIEFFLER PROPORTIONING CONTINUOUS MIXER

Automatically proportions any three different materials crushed rock and course aggregates for large contract work. Made in all size fitted with any kind of power. For Street Paving, Sidewalk, Reinforced Construction, Block and Brick plants there is no Mixer equal to it. A greater capacity and better mix with exact proportions and requires less amount of power than any other Mixer. All parts made extra heavy, strong and lasting.

THE LONDON CONCRETE MACHINERY CO.

28 REDAN ST. - LONDON ONT



## Portland Cement



#### Monarch Brand

Highest quality—guaranteed to fulfill the requirements of specifications for Portland Cement approved of by the Canadian and American Societies of Civil Engineers.

Prompt shipments from mill or stock at Fort William and Port Arthur.

THE LAKEFIELD PORTLAND CEMENT CO.,