

Manti

JOH

Kin

TO

Notic

society

They ered will internal since h the kidt tions in these pi blood p will dri skin cle will be

Chica 15 yea of a f living Glenwa shot g life.

C

9 and 11 Queen Street East.

No. 88 YONGE-STREET, TORONTO. Daily World, in advance, \$3 per year. Sunday World, in advance, \$2 per year. Telephones : 252, 253, 254. Private branch exchange connecting all departments. Hamilton office: H. W. Coates, Agent, 19 West King-street. Telephone 804.

McKay & Southon..N.W Raymond & Doherty....

THE PORTLAND CEMENT INDUSTRY The Portland cement industry has of late rapidly developed into one of the most important of the day, and there are evidences on all sides that the end of this development is not yet. Cement,

rections, and it has been found capable isfactory increase in consumption.

14.

products and stone but also wood and duction has been sounded by Mr. Speniron for many purposes. In almost cer B. Newberry. Referring to the every variety of public works, such as rapid establishment of new factories in canals, dams, breakwaters, piers, the United States, that gentleman says bridges, conduits, etc., cement plays a that so far enlarged consumption has highly important part, and in the com- taken care of the enlarged output, but position of buildings it is no longer re- that any check in the application of stricted to foundations or floors, but cement would bring about over-produc-

are 104 feet high, are strengthened by like a whole winter's fuel famine, the

the other half these straps are supple- that Canada was part of the British mented by a system of steel wire built empire, and to, on that account, give into the concrete as a steel mesh. The our orders a preference over foreign concrete used was ordinary Portland of requirements.

and by machinery. The structure is ing to let the city have 5900 tons of considered fire-proof, and no insurance "Admiralty coal," and the Mayor is carried upon it. For roofing tiles, cabled back accepting the offer, the sewer pipes, culverts, for decorative and shipment to be delivered within a

of brick or stone, for the foundation of that was to bring the coal to Montreal, bank barns, and for a hundred other and the Welsh coal dealers will conseuses, cement is rapidly winning its way. quently be unable to deliver the cargo One of the most noticeable methods of or scheduled time. And now that its employment is in the cement or plenty of Pennsylvania coal is in "granolithic" sidewalks which are be- sight, the City Hall authorities, in coming so common in the cities, towns their eagerness to get rid of the reand villages of Ontario. In nothing is cently assumed obligations, have cathe march of improvement showing it- bled the Welsh coal men cance.ling the self more in the smaller places of the contract, unless the shipment reaches province than in the increased care Montreal on the date named, which which is being taken of the streets and amounts to a refusal to take the fuel. sidewalks, and within the last three or Is this good business? Even if the four years many thousands of dollars Welsh people have not been as prompt have been spent in laying down perma- in delivering the coal as they might nent walks and pavements of which have been, and even if the city is not the leading material was cement. legally bound to take it, does there With this widening of the usefulness not exist a moral obligation to do so of cement has come a marked stimulus At the outset the city begged for the in its manufacture. During 1901 the coal on sentimental grounds, and it production of Portland cement in the looks out of place at this stage in the United States was 12,711,225 barrels, an game to turn around and insist on the increase of 4,229,205 barrels, or almost sharp bargainer's right. This seems 50 per cent. over the production of to be the Mayor's view of the case,

ployed in the Ontario industry. The provincial Portland cement factories isst year numbered four, and there were in operation a like number of rock ement enterprises. At least four more fortland cement factories have this year tarted operations in this province, or the about to do so. So much for the production of cement " Ontario, and tho we have not at







