

Durham's Mammoth Cement Works.

From the Toronto Star of May 14.

As the foundations are unique in the history of factory building in Canada so is the plant. It is all of the newest description. Much of it is of the original designs of Bogardus, and cannot be duplicated, as the plans for its construction are carefully locked away in the company's strong box in their new-made concrete vault in their office, which was once a farmhouse, but is now taking to itself the dignity of red ink rulers, plans, and the accessories of the strenuous mercantile existence.

A Towering Monster.

The smokestack is a huge affair; it will reach towards the blue nearly 200 feet, and will be one of the tallest in Ontario. This stack is of steel, and will stand alone, without so much as a single guy. And in the erection of the stack the utility of cement is again shown, it will be held by anchor bolts that are fastened into 30 feet of solid concrete.

In Uncle Sam's land a tornado tore its way through a town which contained a chimney held by its foundations. The wind tore off roofs and blew in windows of the works, and the entire neighborhood visited the site the next day expecting to see the stack prostrate. But it was there, and the town wag said: "The old darn thing's straighter than ever."

Not only will the stack be held straight by its foundations of concrete, but the very fence posts are molded of cement and the entire grounds of 20 acres will be enclosed by these posts, which are as enduring as the marble slabs in God's acre.

Patronized Home Industry.

Your correspondent has noted with pleasure that the company has purchased its material as far as it possibly could in Canada. Some of the machinery, however, is not made in the Dominion, notably the rotaries, which are used for calcinating. These terms to the initiated may be dark and mysterious, but in plain English it simply means huge steel affairs 60 feet long, seven feet in diameter, shaped like cannon, and hollow at each end. Here the marl and clay meet the fire for the first time and are cooked to a cinder.

These rotaries are eight in number. Great and grim they stood, as if anxious to begin to whirl. Grim because they looked like immense cannons; great because they are so massive that they have had to be placed on foundations first and the structure built over them. They are the largest, most up-to-date rotaries in the world, and some idea of their weight may be gained when it is said that the combined weight of the idlers upon which they revolve is 72,000 pounds.

Another massive machine is the Krupp Ball Mills, which came from Essen, Germany, and which is set on concrete foundations 21 feet 6 inches high. This mill is a mysterious-looking affair to the man whose knowledge of machinery is limited, but the company claim it is the most perfect of its kind that money can buy or the world produce.

A Splendid System.

"I don't care a rap about your strong points; guard the weak ones," was the advice a Northern general gave the colonel of a regiment in planning a strategic move.

The National Portland Cement Company have been paying attention to all possible leaks.

"Show me a man who cleans his boots and neglects his heels, and I'll show you a man without a guiding purpose," is the utterance of a modern sage. The company are looking out for the heels, the obscure points of the business. The machine shop, which is fully constructed, is self-containing. If any part of the plant becomes deranged it is not necessary to send the broken part away.

It is a case of Johnny on the spot, and fixed at once. The stock room is also under careful supervision, and every part kept in account, down to the smallest screw.

A Bright Future.

This is the age of cement. Napoleon, the maker of empires and the unmaker of kings, sat on his horse under the Egyptian sky and pointing to the pyramids said: "Men, 4,000 years look down on you."

Napoleon has passed, but the pyramids still stand inexorable, mysterious, defiant, laughing at the sun, the wind, or rain.

Time knocks. But they don't answer. This is an age of cement, and because it is, buildings are being erected with foundations as sure as those of the pyramids, now solid stone.

The uses to which cement may be put are innumerable. Canada is now awakening from her Rip Van Winkle slumber. It is beginning to realize the vast possibilities for this article, and taking a leaf from the book of the older nations, is utilizing the results of their experiments for her own benefit upon her latest resources. Cement is now being used in all manner of forms, and many believe that the business is but in its infancy. Railway corporations, who know no friends, save the dollar, have tired of the immense sums necessary for the maintenance of repairs, and are building their culverts of the solid article, while monoliths of concrete have taken the place of the steel and iron bridges. Great skyscrapers touching to the fringes of the clouds, are made of cement; mansions and humble homes, and then back to rail-



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road ties again. The list in which cement may now be used is startling; locks, dams, sewers, culverts, breakwaters, retaining walls, piling crib and gutter work, barn floors, barns, silos, reservoirs, chimneys, and even roofs, and a much greater list might easily be mentioned.

A Phenomenal Growth.

The growth of the cement industry has been one of the business phenomena of the present age.

Steel has made tremendous strides. So has cement.

They go hand in hand.

Scientists say that unless the sky scrapers have their steel work covered with cement the life of the building is shortened and catastrophe invited. So steel is really dependent upon cement. This granted, the business in Canada is but in its infancy.

Twelve years ago, if your correspondent is correctly informed, there was no Portland cement manufactured in Canada. It is expected that in this present year nearly 1,200,000 barrels will have been consumed here.

It is gratifying to notice that the wholesome sentiment, "All things equal, support home industry," is being recognized among the cement-consuming public of Canada.

Germany with an area less than Ontario, has 80 Portland cement factories with exports of three million barrels and seventeen million consumed at home. In the United States a similar growth has been noticed, running from two million barrels in 1890 to 12,000,000 in 1900, and with a present increase of over 2,000,000 barrels a year.

A Canadian Concern.

The National Portland Cement Company is being built and will be carried on on Canadian capital. The company's stock was placed upon the market in a manner unique. It was not advertised in the sense of the usual page advertisements in the leading city and provincial papers. There were no red lights or spectacular performances given by the promoters. The brokers did not even get a slice of it.

The same old story of push and enterprise, veni, vidi, vici, and the stock has all been subscribed and, so I am informed, could easily be subscribed over again. There are 1,800 shareholders in the company, all Canadians all sanguine, all hopeful of the future of their country. The shareholders, are men from all walks of life, lawyers, doctors, members of Parliament, members of the Legislative Assembly, farmers and city men. Men who will be personally interested, and in many cases able to assist in the sale of the article in which they are interested.

In view of this gigantic concern springing, as it were, into the public eye for the first time through the medium of this communication, it is interesting to note the strong personality of the directorate. Mr. A. P. McLaren, M. P. Stratford, Ont., president of the Imperial Cheese Company, Limited; Barlow Cumberland, vice-president Niagara Navigation Company, Toronto, Ont.; P. W. Stanhope, Ontario manager of the McCormick Harvesting Machine Co., Toronto, Ont.; W. F. Cowham, managing director of the Peninsular Portland Cement Company, Jackson, Mich.; Gilbert McKechnie, ex-M. P. P., merchant, Durham, Ont.

North Egremont.

The stone work under Mr Austin Ham's barn is progressing rapidly. Mr Robert Renton is the contractor, which fact ensures a good substantial job being done. The 20 ft stone silo will be started immediately on the completion of the stables. The proprietor purposes going stronger into the cattle raising and dairying business, and has purchased a Magnet Cream Separator from Mr Petrie of Holstein.

Mr John McKelvie of Durham is still hale and hearty, and was assisting his son David with the spring work for a few days last week.

Around the Lake is now a busy spot making and laying track, etc. Many of the young men of this locality having finished schooling have gone to assist in the work of construction. Among the number are Messrs Geo Hargrave, Jas Whitmore, Robt Reid, Wm Patterson, and Herbert and Davy Hooper.

Miss Annie Cheslett is again grazing the parental home at "Craigleese" after a five month's sojourn in Galt. She is accorded a hearty welcome wherever she goes.

The choir of the Ebenezer are making good progress, and have recently ordered copies of a monthly musical journal and hope to be able to occasionally render an anthem as a voluntary at the services.

Mr Grant McComb struck for the cement works last week. We thought by the grip and dinner pail he took with him that he was off to Klondyke.

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Good reasons for it, never before have we shown such handsome Trimmed Hats, never before had we such a great variety, such an opportunity to buy something different from what one sees elsewhere. Our Values this season are unprecedented, we do not lay stress particularly on cheap Hats as we have a range of all prices. We have about

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S. F. Morlock.

CASH and ONE PRICE

Gleneig Centre.

Planting potatoes, sowing turnips, washing sheep, preaching politics, and courting the girls is the order of the day.

Mr Pennock visited Holstein lately. Miss Maggie May Beaton, of the Centre, is away to Owen Sound for the betterment of sore eyes. We wish her a speedy cure.

Mr D. Graham of Pricessville, visited at Mr. Perry Pennock's, of the Centre Sunday last week.

Miss Mary MacK—of the 4th, made herself a present of an organ lately Music is a charm.

Mr. George Ryan of your town visited at Mr. Henry Firth of the 4th, Sunday of last week. Come again G.

Mr. and Mrs. Don Beaton of your town paid a visit to his old favorite home of the 4th Thursday last week.

Mr. L. McKenzie, foreman of the cement of Durham, visited at Mr. A. McLellan's lately.

Mr. Alex. McDonald from near Pricessville, visited at Mr. W. M. Fallase, lately.

No. 1, Cement Co., Owen Beaton, Wm. Davis, H. McArthur, I. White, H. Cameron, all are working at the Cement. Give the Centre boys a chance.

Mr. Archie Beaton of the Centre purchased a fine new Bell organ latest improved. Archie being such a loyal Highlander, we believe the first time he will try to learn will be the imitation of the bag pipes.

Mr. Joo Fallase of the Centre rented father's 50 acres of the 4th. Joo is what we call a lustler.

Mrs. A. C. McDonald of your town in company with her son Joo, and W. J. Beaton, Berkley, visited at Joo, McDonald's of the Centre Sunday of last week.

We are pleased to mention that Bella McGillivray who spent the fall and winter months in Owen Sound is home among us again and hale and hearty like the rest of the Highland race.

BUNESSAN.

The hay and spring crops are looking fine in this part and if there is as much rain later on as there has been, there is prospects for a good year.

Mr N Clark traveller for the Snow Drift Co Brantford with his daughter Beatrice and niece Miss Lizzie McKeown paid a short visit to friends in this vicinity lately.

Victoria day was exceedingly quiet around here. A few however went to Markdale and Durham to take in the sports.

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No Place Like Home

when brightened up with some of our ARTISTIC WALL PAPER—for a mere trifle too. Bring us the size of your rooms and let us show you how cheaply it can be done. A few more remnants left at a sacrifice.

Come to us for Window Shades.

MACFARLANE & CO. Druggists and Booksellers.

Mr Dan McInnes lost a valuable steer the other day. Quite a loss considering the price of beef.

Mr Donald McKinnon who is working on the gravel train at the cement works had a narrow escape the other day being almost buried by falling gravel. Experience is a good teacher Donald.

Mr Chas Watson who is employed on the 10th concession visited his grandmother over Sunday.

Mr Donald Graham had a considerable loss last week when he had ten cords of good wood burnt. The cause of the fire is unknown although it looks very suspicious.

Mr George Mathews and family of Hanover moved into our burg lately taking up their abode in the house formerly occupied by Mr W J McFadden.

Mrs McInnes is very ill at present, hope to hear of her speedy recovery.

Mr Sam McComb is making preparations for building a large house in Durham this summer.

A number in this part attended the nomination in Durham on the 22nd and report an excellent meeting.

Election is very quiet in this vicinity although a very successful meeting was held in the schoolhouse on Monday night in favor of Mr Binnie. Who is the man?

BORN

McLURE—In Williamsford, on the 8th inst, to Mr. and Mrs. A. McLure, a son.

HEWITSON—In Bentinck on the 21st inst to Mr. and Mrs. R. Hewitson, a son.

902 Seeds 1902

Import Of Seeds per S. S. Florence from Britain.

- FIELD ROOTS—Sugar Beets, Carter's Sugar Beet, Danish Sugar Beet, Silesian Sugar Beet. MANGEL WURTZEL—Carter's Improved Long Red, Giant Yellow, Turnip Globe. SWEDE TURNIP—Carter's Elephant, Carter's Imperial Hardy, Bangholm, Sutton's Champion, London Purple Top, Hartley's Bronze Top, King of Swede. YELLOW AND WHITE FLESHED TURNIPS—Purple Top Aberdeen, Green Top Aberdeen, Improved Greystone. FIELD CARROTS—Carter's White Vosges, Belgian Short White, Long Ivange. RAPE—Carter's Broad leaved sowing. The best feeding rape to sow. CANADIAN & AMERICAN FIELD SEEDS—Clover, Timothy, Orchard Grass, Millet, Hungarian, Tares, Grass or Bug Proof Peas, Rye, Buckwheat, Flaxseed, Field Corn. GARDEN SEEDS in bulk or papers. ONIONS—Dutch Sets, Potato Onion and English Potato Onions. PLANTS in season. OIL CAKE—Linseed Meal, Cattle Spice, Thomas' Phosphate Windsor Salt, &c.

Eggs Wanted—Cash or Trade.

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VICKERS

Intended for last week Mr T H Lawrence, who has been laid up with rheumatism, is now recovering under the treatment of Dr Gun.

Mr Geo Turnbull has the cellar of his new house built and will soon proceed with the brick work.

Mrs A Montgomery is home from the Soo to wait upon her mother Mrs Jos Corbett, who is in rather a poor state of health.

A few weeks ago one of our farmers on the south line became alarmed at the mysterious disappearance of his nest eggs during the night, so after safely housing puss and dash he set a steel trap for the intruder. As soon as the first rays of light appeared he quietly arose and went quickly to the stable. No sooner had he opened the door than he beheld in horror the monster trap and all perched high up on a beam. He then hastily aroused his son, who at once came to the rescue armed with a club and put an end to the brute. After a careful examination of the body he decided it was a neighbor's friendly tom cat. Moral—Keep all cats at home.

Hardware

Some very large shipments of goods arrived within the last few days. Every person should examine our Stock.

Scales. A very fine variety of KITCHEN and FARM SCALES in Stock.

Irons. Do not miss the present opportunity of securing a set of MRS. POTTS IRONS. We also have a nice line of SHIRT SLEEVE IRONS.

Washing Machines. We sell nearly every kind of WASHING MACHINE Manufactured, but our latest is something Extra, and can be converted (after washing) into an Ironing Board, Bath Tub, or Fancy Table. Our Stock of WRINGERS is something more than ordinary.

Tubs. Any kind of a TUB you require can be found in our Establishment. WOODEN, GALVANIZED IRON and PAPER WASH.

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Harness. Have a look through our Harness Department.

W. BLACK.

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