

R. C. Vaughan, pair two-storey and attic stone and brick dwellings, south side McMaster ave., near Avenue road, cost \$4,000; Louis Motton, 2-storey brick and stone store, south side Dundas street, near Brock ave., cost \$3,800; J. M. Kilgour, 2½-storey brick dwelling, 487 west Marion street, cost \$3,500; Dr. Thomas Butler, pair 2½-storey stone and brick dwellings, Grace street, near College, cost \$4,400; Thomas C. Brown, 2-storey brick and stone store and dwelling, south-west corner Duferin and Millicent streets, cost \$3,000; John Russell, 2-storey and attic brick dwelling, concrete foundation, 122 Beatrice street, cost \$2,800; John Kee, two-storey brick and stone dwelling, 22 Birtle ave., cost \$2,200; White & Co., two pair 2-storey and attic stone and brick dwellings, east side Rusholme road, near Hepbourne street, cost \$8,000; Mrs. S. Macbell, pair 2-storey brick dwellings, west side Ossington ave., near College street, cost \$4,800; John Russell, two pair 2-storey brick and stone dwellings, 318-24 Logan ave., cost \$9,000; W.E. Link and J. Ellis, pair two-and-half storey brick dwellings, south side Macpherson ave., near Yonge street, cost \$5,600; J. T. V. May, pair two-and-half storey stone and brick dwellings, west side Concord ave., near Dewson street, cost \$6,000, and pair two-and-half-storey stone and brick dwellings, south side of College street, near Ossington ave., cost \$6,000.

CONTRACTS AWARDED.

CARBERRY, MAN.—Brick block for B. Stewart; Thomas Harkness, contractor.

NELSON, B.C.—Store for J. W. Gallagher; A. Carrie, architect; J. Daney, contractor.

PORTAGE LA PRAIRIE, MAN.—Waterworks power house; Charles Jeffrey, contractor, \$9,997.

FORT WILLIAM, ONT.—Addition to Mariaggi Hotel; C. Olson, Winnipeg, contractor; cost \$8,000.

HANTSPOIT, N.S.—Construction of waterworks system; D. J. Mulhall, contractor, cost about \$40,000.

PETERBORO, ONT.—Brick residence for Dr. Scott; Stone work, H. Sherwood; other trades, Thomas Wilson. Plans by W. Blackwell.

CHATHAM, ONT.—Erection of market building; W. H. Carswell, successful tenderer, plan No. 3, \$16,560.

BRANTFORD, ONT.—Additions and alterations to Kerby House; S. F. Whitham, contractor; cost \$10,000.

TORONTO, ONT.—Addition to drill hall on University street; Wickett Bros., contractors, cost about \$17,000.

ORILLIA, ONT.—Restoration of St. James church; J. R. Eaton, contractor, exclusive of heating, seating and lighting.

OLDS, N. W. T.—Machinery for mill and elevator for Olds Flour Mill & Elevator Co.; Goldie & McCulloch Co., Galt, Ont., contractors.

HANOVER, ONT.—Addition to public school; Concrete and brick work, H. Prast; woodwork, D. Stivea. Cement brick will be used.

DUMBARTON, ONT.—Heating and ventilating public school in Section No. 3; James Smart Manufacturing Co., Brockville, successful tenderers.

PICTON, ONT.—New Methodist church; Power & Son, Kingston, architects; Andrew Irving, contractor, \$5,500; walls of cut and rock faced stone.

REGINA, N.W.T.—Construction of sewerage system; Dobson, Jackson & Fry, Winnipeg, successful tenderers, \$27,200. John Galt, Toronto, chief engineer.

FERNIE, B.C.—The contract for new steel tippie for the C.N.P. Coal Co. has been let to Heyland Paterson. The tippie will be 900 ft. long, 30 ft. wide, cost \$170,000.

COLBECK, ONT.—New English church hall; Stone work, I. Scott, Walde-mar; brick work, Miller & McCulloch, Grand Valley; wood work, Robert Dixon, Grand Valley.

OTTAWA, ONT.—The Ottawa Improvement Commission have awarded the following contracts: Cement, Ottawa Fire-proof Supply Co.; hardware, McDougall & Cuzner; lumber, W. C. Edwards Co.

ST. JOHN, N.B.—The Council awarded the following contracts last week: Supply of cast iron pipe, Vroom & Arnold, \$3,195.06; vitrified sewer pipe, C. H. Peters' Son, \$2,847.50; screens, wooden sluice gates, etc., James Fleming, \$1,630.73; gates, St. John Iron Works, \$3,149.02; special pipe castings, (Continued on page 10.)



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Matthew's
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"EXTRACT"

RESULTS OF CANADIAN AND UNITED STATES CEMENT TESTS JULY 1ST, 1902, TO JULY 1ST, 1903, AT THE LABORATORY OF THE CITY ENGINEER OF THE CITY OF TORONTO.

C. H. RUST, City Engineer.

W. A. CLEMENT, Asst. Engineer.

Brand.	Soundness. Faiji Test.	Specific Gravity.	Residue in per cent. on No. 100 Sieve.	Setting in Minutes.		Tensile Strengths in Pounds per Square Inch.										Where Made.
				Initial.	Final.	Neat.					3 (Sand) to 1 (Cement).					
						1 dy.	7 dys.	28 dys.	3 mos.	1 yr.	1 dy.	7 dys.	28 dys.	3 mos.	1 yr.	
Alpha	O. K.	3.177	9.3	222	399	292	752	811	868	841	57	197	271	317	327	United States.
Atlas	O. K.	3.100	9.3	152	387	385	579	622	710	712	61	186	246	305	339	" "
Hercules	41% failed	3.159	7.1	120	240	292	696	836	777	711	51	174	222	242	231	Canada.
Imperial	O. K.	3.213	6.2	40	75	250	352	400	484	485	61	128	176	254	321	"
Lehigh	O. K.	3.183	9.1	166	356	348	746	849	897	880	73	201	273	334	361	United States.
Monarch	4% failed	3.154	7.5	176	355	366	653	701	731	701	66	173	242	303	355	Canada.
NATIONAL	O. K.	3.135	2.1	162	345	307	701	783	827	804	74	214	299	367	368	"
Rathbun's Star	O. K.	3.140	5.0	123	305	359	581	640	677	676	75	193	255	313	349	"
Samson	7% failed	3.118	6.3	107	252	257	462	525	583	612	67	163	231	284	338	"

The Superiority of National Cement is Plainly Shown from the Above Figures, which can be verified from the Annual Report of the City Engineer for 1903. The Best is the Cheapest.

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