

of 300 tons Portland cement from the Sydney Cement Works and 500 tons from Stairs, Son & Morrow.

**PORT ARTHUR, ONT.**—Erection of freight offices for C. P. R.: S. Brown, Winnipeg, contractor.

**NORWAY, ONT.**—James Smart Manufacturing Co., Brockville, have been awarded the contract for installation of Kelsey system of heating and ventilating in public school building.

**FLESHERTON, ONT.**—Construction of bridge for the township of Artemesia: Walker Bros., Southampton, successful tenderers at \$1,400. —Construction of cement sidewalks, the same firm at 9 cents per square foot.

**MONCTON, N.B.**—Erection of fire hall: Paul Lea Co., this city, successful tenderers at \$9,815; supply of steel "I" beams for the building, F. W. Sumner Co., this city, at \$540.47. Other bidder the Estey Co., St. John, at \$562.28.

**STRATHCONA, ALTA.**—Erection of Strathcona Collegiate Institute: May, Sharpe Construction Co., successful tenderers at \$66,000. Supply of 600 tons Alberta blue stone for the same building: Western Timber & Mines, Limited, contractors.

**VANCOUVER, B.C.**—The Board of Works have recommended that the tender of the Barber Asphalt Co. for resurfacing certain streets be accepted at \$47,696.68. —Erection of office building to cost \$35,000 for the British Columbian Permanent Loan & Savings Co.; A. E. Carter, contractor.

**ST. JOHN, N.B.**—F. Neil Brodie, architect, has awarded the following contracts for erection of new surgical ward for the city hospital: Carpenter work, A. Dodge; masonry work, Clark & Adams; heating and plumbing, George Blake; electric lighting, Frank Jones; and painting and glazing, P. Denison.

**TORONTO, ONT.**—The Provincial Government have awarded contracts for construction of bridges as follows: Over Gull river at Minden, Jenks & Dresser, Sarnia; at Housey's Rapids, Muskoka District, R. M. Roy, Hamilton; at Gooderham, Dickson Bros., Campbellford; at Larchwood and Thessalon, Ontario Bridge Co., Toronto.

**ELMIRA, ONT.**—The Village Council have awarded the following contracts in connection with the new waterworks system: Supply of hydrants, Doherty Manufacturing Co., Sarnia, at \$28; valves and boxes, Canadian Fairbanks Co., Montreal; trenching, pipe laying, etc., P. Weber. Tenders for stand pipe and tank were laid over for further consideration.

**WELLAND, ONT.**—T. L. Nichols, architect, has awarded contract for erection of a dwelling for B. Dradall to P. S. Peacock and for erection of dwelling for H. Dawdy to M. Vanderburg. —Erection of brick and steel building for the Crowland Smelter Co.: Masonry, G. Fatton; carpentry, A. J. Baumhofer; structural steel work, Ontario Iron & Steel Co.

**VICTORIA, B.C.**—The Board of Firewardens recommend the acceptance of following contracts for civic supplies: Supply of heaters, Hutchison Bros., at \$680; supply of 500 glass insulators, 500 oak top pins, 500 birch brackets, and 1500 lbs. wire, Hawkins & Hayward, at \$535.50; supply of poles, Victoria Tie & Lumber Company, at 12½ cents per foot for 35 foot poles and 15 cents per foot for 40 foot poles; supply of 2½ inch fire hose, Gutta Percha & Rubber Manufacturing Co., Paragon brand, at \$1 per foot; supply of one inch chemical hose, Canadian Rubber Co., Para brand, at 61¼ cents per foot.

**SASKATOON, SASK.**—Erection of civic hospital building: A. W. Cassidy, successful tenderer at \$38,723.52. Other bidders: Saskatoon Construction & Engineering Company, concrete foundation and brick superstructure, \$51,700, concrete foundation and cement block superstructure, \$48,570; W. H. Costigan, Regina, brick with stone foundation, \$41,600, concrete foundation \$300 less, concrete blocks throughout \$2,000 less, sanitary floors \$2,000 more; J. G. Willoughby, brick with concrete foundation \$43,553, concrete blocks throughout \$41,353, complete masonry with brick \$19,750, with concrete \$17,650; S. A. Covert, cement block throughout \$44,000, brick \$43,000; A. W. Cassidy, cement block \$40,667.52. The above tenders do not include heating and plumbing.

**ST. THOMAS, ONT.**—Construction of cement sidewalks for the city: A. E. Ponsford, this city, successful tenderer at sand finish, 10¼ cents per foot; granite finish, 12½ cents; curb and gutter, 35 cents; curb, 25 cents, curb with walk, 11 cents. Other bidders: Jesse Wallis, sand finish, 10½ cents; curb and gutter, 35 cents; curb 25¼ cents; curb and walk, 11½ cents; and George A. Ponsford, sand finish, 10½ cents; granite finish, 13 cents; curbing, 25 cents; curb and gutter, 36 cents; curb with walk, 11 cents. —At a joint meeting of the City Council and County Council the contract for rebuilding of the Foote bridge was awarded to the Concrete Pole Company, St. Catharines, at \$7,640. Other bidders: Concrete Construction Co., Toronto, \$8,920; J. Patterson, St. Marys, \$7,840; Williams' Bridge Co., Chatham, \$8,652; Petrolia Bridge Co., \$8,290; G. H. Ponsford, this city, \$9,200; A. E. Ponsford, this city, \$8,989.

#### BIDS.

**GRAVENHURST, ONT.**—The following bids have been received for erection of power house: Findlay Bros., \$4,450; W. Waltes, \$2,825; L. Fehlestrom, \$3,800; R. Fielding, \$2,798.

**VICTORIA, B.C.**—The following bids have been received for erecting plant for the city: Marine Iron Works, \$12,500 and Victoria Machinery Depot, \$12,780. The bids have been referred to a committee for consideration.

**SASKATOON, SASK.**—The following bids have been received for various works in connection with erection of hospital here: Electric light fixtures, Keith & Fitzsimmons Co., Toronto, \$390.25; electric wiring, Saskatoon Electric Supply Co., \$475; galvanized iron work, Wells & Cornish, \$675, and Charlebois & Boyd, \$1,357.50; lathing and plastering, Mytten Bros., \$6,133, and hard wall, \$5,433; painting, Spooner & Creelman, \$2,048; finishing floors, Spooner & Creelman, \$860.

The partnership of Kennedy, Beggs & Co., architects, Barrie, has been dissolved. Mr. Beggs has opened an office in the Union Bank building.

The Alberta Portland Cement Company are about to generate electric energy at Rednor, Alta., to the extent of 5,000 h.p. As the company will require only 2,000 h.p. for their own plant, it is not improbable that the balance will be sold to the City of Calgary for lighting purposes.

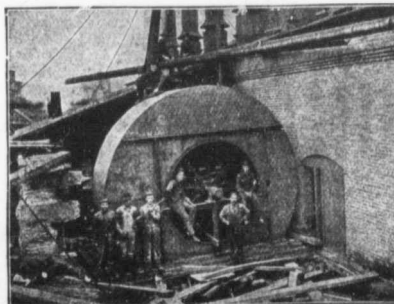
#### PEBBLE DUST AND CEMENT FINISH.

Plastering buildings on the outside with pebble dash or cement is sometimes known as stucco work. It may be used for veneering new buildings or for covering old structures. It is quite desirable and seems to be a very satisfactory method. As a rule two coats are used, the first a scratch coat composed of five parts Portland cement, 12 parts clean, coarse sand, 3 parts lime, and a small quantity of hair. The second or finishing coat is composed of 1 part of Portland cement, 3 parts of clean coarse sand, and 1 part of slaked lime paste. Should only one coat be desired, the finishing coat is used. Some masons prefer mortar in which no lime is used, but this requires more time to apply.

In applying stucco to brick or stone structures, clean the surface of the well, wet thoroughly, and plaster one and one-half inches thick. For a finish, either smooth with a wooden float or by rubbing with burlap. In using stucco on a frame structure, first cover with two thicknesses of roofing paper. Next put on furring strips about one foot apart, and on these fasten wire lathing. Apply the scratch coat one and one-half inches thick and press it partly through the openings in the lath, roughing the surface with a stick or trowel. Allow this to set well and apply the finishing coat one-half to one inch thick. This coat can be put on and smoothed with a wooden trowel or a large stiff fiber brush if a spattered dash finish is desired. A pebble dash finish may be obtained by using 1 part of Portland cement, 3 parts coarse sand and pebbles not over one-fourth inch in diameter; throw on with a trowel.

E. Lecavalier & Company, builders, Montreal, Que., have dissolved partnership.

Mr. Jas. Johnston, analyst in the City Engineer's Department, Toronto, has accepted a position with the Warren Bituminous Paving Company. Mr. Johnston was presented with a suit case, club bag and gold watch chain by his associates.



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