

Mann, architect, is calling for tenders for two residences to be erected at the corner of Albert and Cote St. Antoine road for Messrs. R. B. Hutcheson and F. W. Hibbard.—J. E. Huot, architect, is preparing plans for two houses to be erected at St. Henry for Jos. Lemoine.—W. McLea Walbank, architect, is taking tenders for the construction of an iron fence on Redpath street. Same architect will let contracts this week for a building to be erected at the corner of Prince Arthur and St. Dominique streets for Mr. W. F. Lighthall.

FIRES.

A disastrous fire occurred at Gananoque, Ont., on the 23rd inst. Among the losers are: J. B. Abbott, building; three frame buildings occupied by L. Fraid; J. B. Turner, three frame buildings. The loss is largely covered by insurance.—A residence on La Salle street, Maisonneuve, owned by M. Gagnon, was completely destroyed by fire a few days ago.—The C. P. R. station building at Stonewall, Man., was destroyed by fire last week.—A rotary saw mill situated at East St. Martins, N. B., and owned by White, Fownes & White, was burned last week. Loss, \$1,200; no insurance. The company propose rebuilding at once.—The chemical works of Lyman Bros. & Co., corner Front and Sherbourne streets, Toronto, were badly damaged by fire on Monday last. The loss on building is placed at \$4,000, and on machinery at \$3,000, covered by insurance.—The mills, dwellings and barns at Tracadie, N. S., belonging to the Trappist monks, have been destroyed by fire. The loss is nearly \$40,000, with no insurance.—The general stores of C. R. Beardsley at Winchester, Ont., was burned last week, also the dwelling of R. G. Holmes.—The tailoring establishment of Martin Foley, on Mountain Hill, Quebec, was consumed by fire on the 5th inst. The loss is well covered by insurance.

CONTRACTS AWARDED.

OTTAWA, ONT.—J. Foley, of this city, has secured a contract for the laying of a large block of asphalt roadway in Renfrew.

BRANTFORD, ONT.—A bulk contract has been awarded Schultz Bros. to erect a dwelling house on Dufferin ave., this city, from plans by Hewitt & Maclaren, architects.

STRATFORD, ONT.—D. G. Baxter, architect, has let the contract for seating the St. Marys Methodist church to the Globe Furniture Company, of Walkerville, for \$1,425, and the fresco work to Elliott, of Toronto.

OWEN SOUND, ONT.—J. C. Forster, architect, has awarded contracts as follows for a 4 storey bk. addition, 46 x 106 feet, to the North American Bent Chair Co.'s factory: Masonry, Grier & Sinclair; carpenter work, Alex. Green. Other trades not let.

BARRIE, ONT.—Eden Smith and Eustace Bird, architects, have let contracts as follows in connection with the Simcoe County gaol. Mason and concrete work, John Stapleton & Son, Barrie, at \$546; hot water heating, ventilating, etc., Moore & McDonald, Barrie, at \$658.

ST. JOHN, N. B.—Tenders have been invited by the Public Works Department for the erection of a warehouse at Sand Point, from plans prepared by Hurd Peters, C. E. The following were received: D. W. Clarke & Son, \$7,235 (accepted); Thomas Thomson, \$7,890.

NIAGARA FALLS, ONT.—The contract for steam heating for the public school has been let to Cole & McMurray. Geo. Fuller has the mason work.—Contracts for Mrs. Flynn's house have been let as follows: Carpenter work, Frank Nugent; mason work, James Campbell.

TORONTO, ONT.—Tenders have been let as follows for an addition to Bay street fire hall. Brick work, \$844, carpenter work, \$1,477, E. Hollett & Co., galvanized iron, \$167, A. B. Omsby & Co.; wrought and cast iron, \$249, St. Lawrence Foundry, painting and glazing, \$147.50, Egles & Linington, plumbing, \$140, J. T. Aggett; total, \$3,024.50.

LONDON, ONT.—Robinson, Little & Co., wholesale dry goods, will build an addition to their warehouses, from plans prepared by McBride & Farncombe, architects. The contract for brick work has been let to Martyn & Hammett, and the carpenter work to Wm. Tytler.—Geo. White & Sons, engine builders, have let the contract for their new machine shop to John Hayman & Son. The building will be 100 x 40 feet.

HAMILTON, ONT.—Malcolm & Souter have been awarded the contract for putting in a new bar fixture for Mrs. Tindall, corner King & Wentworth streets.—Leather & Watson, of this city, have been awarded the contract for the material for the renewing of the Hamilton and Dundas railway line, and work will be commenced within two weeks. New 65 pound rails will be laid on the entire line, and steel culverts will take the place of the present structures.

MONTREAL, QUE.—The contract for the concrete dam, power house, and rock excavation in connection with the Chambly, Que., Power Co.'s works has been let. The price is between \$300,000 and \$400,000. The work will be begun at once.—J. Alcide Chausse, architect, has awarded contracts as follows for reparations of a house, two stories, on St. Denis street, for Henri St. Pierre: Masonry, P. Mainville; carpenter and joiner's work, J. B. St. Pierre. Other trades not let. Same architect has let contracts as follows for one house, two stories, on Lafontaine street, for C. Masson: masonry, F. Bleau; carpentry and joinery, O. Masson.—P. B. Williams, architect, has let contracts for one building, two stories, on Centre street for J. J. Rutherford as follows: masonry and brickwork, John Quinlan; carpenter and joiner's work, J. J. Rutherford. Other trades not let.—Building permits have been granted as follows: Two buildings, 48 ft. x 66 ft., three stories, on Mathewson street, for M. Deslauriers—masonry, N. Guilbault; carpenter and joiner's work, M. Deslauriers. Probable cost \$8,000.

BIDS.

QUEBEC, QUE.—Tenders were received as follows for the construction of a bridge over the St. Charles river, to connect the city and St. Sauveur: Excavation, embankment, carpentry, stone filling, masonry, cut stone, iron spiking, etc., Ignace Bilodeau, \$21,753, C. Giguere, \$19,734; superstructure, with woodwork forming part thereof, Carrier, Laine & Co., of

Levis, \$6,239.27; for the bridge complete, A. Rousseau & Co., Montreal, \$16,200, for the superstructure only, Dominion Bridge Company, \$3,888, Canadian Bridge & Iron Company, \$2,790, Messrs. Carrier, Laine & Co., of Levis, \$4,500; A. Rousseau & Co., of Montreal, \$12,695 for one plan and \$12,995 for another. The City Engineer has been asked to report on the tenders.

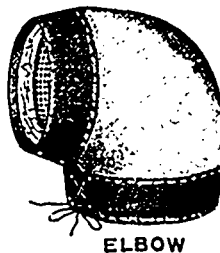
BRICKWORK.

In some of the ruder kinds of early masonry bricks were often employed as mere lacing or stringcourses, to bind together at varying vertical heights the whole of the underlying constituent parts of the masonry; and when so used in the construction of arches in combination with stone, the object of their use with the builders seem to have been to obtain even and equal bedding planes here and there throughout the arch by the insertion, as it were, of bricks or brick courses, irregularly alternating with the rough, unworked, or rudely "scraped" stones of uneven beds, chiefly composing the body of the arch. Bricks are still sometimes employed, not as inclosures to flint diaper work, but more in the capacity of ornamentation, and units or scales of a known limentation, to aid the eye in the realization of the extent and effect of the composition as a whole, than as parts of constructive necessity.

In modern work some of the greatest achievements of engineering have been carried out chiefly in brickwork, and in some instances almost to the entire exclusion of the aid of stone.

This being so, it will not be out of place to consider the essential conditions of what is now universally accepted as being worthy of the name of good brickwork. In the first place brickwork has made rapid and well-marked strides in the last quarter of a century, or since the decade of the stuccoed front, and the revival and use of red bricks and terra cotta under the sympathetic and able advocacy of our architects and masters of modern refined thought as applied to architecture. Prior to the time mentioned, the shuff, the grizzle, and the rough stock was mostly in demand, but they are now happily supplanted by bricks of a better class and quality, except in the erection of suburban villas and other jerrybuilt structures. One of

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