

proposes to build an abattoir in the vicinity of the cattle market.—The Public School Board have decided that it will be impossible to enlarge the Rosedale school this year, owing to lack of funds.—The Toronto Technical School have asked the City Council for a grant of \$75,000 for a new building.—In the report of the City Engineer presented to Council on Monday last, the construction of an asphalt pavement is recommended on Harbord st., from St. George to Huron sts., at an estimated cost of \$3,280, and a macadam roadway on Classic place. The following pavements are recommended as local improvements upon the initiative. Asphalt on Adelaide street, from Yonge to Bay, and Colborne street, from Yonge to West Market; cedar block on Harbord street, from Huron to Bathurst. The following amounts for the substitution of cast-iron pipe for the present cement mains are asked: \$1,800 for Queen street, from Soho to Spadina; \$2,160 for Queen, from Spadina to Bathurst; \$1,150 for John, from King to Queen.—The T. Eaton Co. will erect a large warehouse at the southwest corner of James and Louisa streets, the foundation for which is now being laid.—St. Andrews' Brotherhood of East Toronto intend building a club-house on Woodbine avenue.—James Beatty, No. 1,497 Queen street west, has been granted permission to erect a pair of semi-detached brick dwellings, to cost \$5,000.

HAMILTON, ONT.—A. W. Peene, architect, is receiving tenders for a residence, corner Grant avenue and Main street. Same architect is preparing plans for the following: Dwelling houses on Main st. w.; large residence for W. G. Walton on the mountain top; residence on Wentworth street south; residence at Hagersville for J. H. Hager, alterations and additions to residence on Sherman avenue; alterations and additions to residence on James street south; alterations and additions to the Hamilton Club; alterations to office building, James street south.—Barton Township Council have passed a by-law to grant \$8,000 for the erection of three new schools.—The Hamilton Radial Railway Company propose to extend their line to the easterly limits of Burlington.—The estimated cost of the proposed nurses' wing in connection with the General Hospital is \$5,000. The Council will be asked to make a grant for the purpose.—A building permit has been issued to W. Lachance for repairs to Hannah street Methodist church, to cost \$2,000.—The Hamilton, Chedoke & Ancaster Electric Railway Company have appointed a committee to consider tenders for the construction of a railway to Chedoke.—It is proposed to build headquarters in this city for the Royal Templars. The scheme is to establish an endowment fund with which to erect the building.—Building permits have been granted as follows: Thomas Lovejoy, two-story brick dwelling on Emerald street, cost \$1,500; E. B. Patterson, two-story brick dwelling, corner John and Stuart streets, for M. Allan, cost \$1,000; George H. Milne, two-story brick school-house on Caroline street, cost \$2,000; Thomas Allen, two-story brick dwelling and store, corner Oxford and York streets, cost \$1,100; Samuel McCready, two-story brick dwelling, corner Barton street and Birch avenue, cost \$1,600.—F. J. Rastrick & Sons, architects, invite tenders up to the 5th inst. for the erection of a brick school-house for the trustees of school section No. 3, Barton.

**FIRES.**

The warehouse of W. P. Ware & Son on William street, Montreal, was gutted by fire on the 24th ult. The loss is estimated at \$10,000, covered by insurance.—At Port Elgin, Ont., on March 28th, fire destroyed the Queen's Hotel stables, Harron's carriage building and other smaller

structures. Total loss, \$3,000.—Premises at Norwood, Ont., owned by R. Wilson, W. Rogers, C. O. Reilly and J. Mongraw, were recently burned.—The residence of Mrs. Rogers at Prince Albert, N. W. T., was destroyed by fire a few days ago, also the Canadian Pacific reservoir building at Stonewall, Man.

**CONTRACTS AWARDED.**

CARLETON PLACE, ONT.—Debentures to the amount of \$20,000 have been disposed of.

TEMPERANCEVILLE, ONT.—The contract for the new Methodist church has been let to L. Innes & Sons.

HAMILTON, ONT.—The contract of enlarging the Grenville canal has been awarded by the Dominion government to Pigott & Ingles, of this city.

CLAYTON, ONT.—Levi Blair has the contract for building the cheese factory here. The steam fitting will be done by William Taylor, of Carleton Place.

LONDON, ONT.—The contract for an iron bridge at the foot of Dundas street has been secured by the Central Bridge & Engineering Co., of Peterboro'.

CROTON, ONT.—Contracts for the new Methodist church have been let as follows. Masonry, Gregory & Clifford; other trades, Charles Hubbell, of Thamesville.

QUEBEC, QUE.—W. J. Peter's tender for the sub-structure of the bridge over the St. Charles river has been accepted. New tenders are invited for the super-structure.

ST. JOHN, N. B.—The mason work on the new Catholic parsonage at Carlton will be executed by John Flood. Edward Bates has the contract for the carpenter work.

NEWCASTLE, ONT.—The Board of Education have awarded the contract for the new school building to J. H. Poole, who submitted a lump tender something under \$6,000, exclusive of heating and furniture. Curry, Baker & Co., Toronto, architects.

RAT PORTAGE, ONT.—Contracts for Brydon & Robinson's block have been let as below. Mason work, Kelly & Brown, carpenter and other trades, McQuarrie & Fraser.

TORONTO, ONT.—Hayes' patent steel lathing, manufactured by The Metallic Roofing Co., of Toronto, is being used in the reconstruction of the Parliament Buildings at Ottawa.—The Ontario Mutual Life Assurance Company are remodeling the premises at 50 and 52 Adelaide street east, tenders for which have been accepted as below. Heating, Toronto Furnace Company, plumbing, Purdy, Mansell & Mashinter; other trades, Davidson & Co.

OTTAWA, ONT.—The Deputy Minister of Railways and Canals has announced that M. G. Hogan, of Montreal, has secured the contract for section 12 of the Soulanges canal. Sections 4, 5, 6 and 7 are awarded to Andrew Onderdonk, of Hamilton.—Baker Bros., of Casselman, Ont., will supply 275,000 bricks for the new building of the C. Ross Company in this city.—The contract for the building of St. Joseph's Orphanage has been let to Joseph Fauteux, for \$28,000. The building will be four stories high.

**DEEP FOUNDATIONS.**

A paper on "Deep and Difficult Foundations" was lately read by Mr. George E. R. Thomas before the Western Society of Engineers, Chicago. It explains the process of putting down a shaft at the Chapic Mines, Iron Mountain, Michigan, U. S. A., by the freezing method. This is the only instance in America of a shaft being lowered by the Poetsch system, although in Europe the system has been applied in several cases. In the words of

(Concluded on Page 4.)

THE Authorities at Ottawa have been investigating the merits of the new Wall Plaster, known as

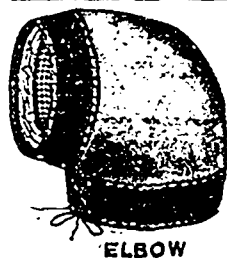
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which is nearly the pure product of Asbestos, and possesses all the remarkable qualities of that mineral, being Absolutely Fire-Proof, and as a Plaster, Cohesive and Elastic, besides allowing a Perfect Surface Finish. The result of such examination and investigation, from actual work done in Ottawa, and the opinions of eminent Architects, is to prove that it is all that it is claimed to be. A large order has been given for this material, which is to be used in the reconstruction of the Parliament Buildings, lately destroyed by fire.

The Authorities have shown great wisdom in their choice, as the cost over ordinary plaster is very trifling, and the advantages so manifest to every Architect who has given this remarkable production careful attention, that it cannot fail to commend itself as a positive assurance of safety against fire risk, entailing the minimum of cost for such an object.

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